Fall 2019 Levee Maintenance Deficiency Summary Report

Overall LMA & Unit Ratings, including DWR Erosion Survey

San Joaquin River Basin

NA0011	Overall LMA	Total LMA						
Madera County FCWCA	Rating	Miles						
	U	26.32			1		Design 9	Custom
Rated Item	Maintenance Deficiency			Enforcement		Design & System Obsolescence		
Nated item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee	l	I	1			T	ı	
Vegetation	7.74	38.87	163.22	620.09%	0.01	0.07		
Trim / Thin Trees	0.30	0.09	0.66	2.51%				
Encroachments	0.25	0.70	3.05	11.59%	6.43	2.06		
Animal Control	20.29	5.23	41.21	156.56%				
Slope Stability	0.11	0.98	4.03	15.31%				
Erosion / Bank Caving	0.05	0.03	0.17	0.65%				
Crown Surface / Depressions / Rutting	17.00		17.00	64.59%				
Flood Preparedness & Training	0.26		0.26	0.99%				
Rivers, Channels & Designated Floodways								
Encroachments	0.01		0.01	0.04%				
Supplemental	I					ı		
DWR Erosion Survey		0.08	0.32	1.22%				
DRAFT DWR UCIP Field Study					0.20	0.03		
LMA Totals:	46.01	45.98	229.93	873.53%	6.64	2.16	0.00	0.00
Unit No. 01 Ash Slough RB	Overall Unit	Total Unit						
3	Rating	Miles						
NA0011	U	2.37						
		Maintena	nce Deficiency		Enforc	ement	Design 8 Obsole	
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	
Earthen Levee			1					
Vegetation	0.47	3.12	12.95	547.52%				
Trim / Thin Trees	0.01		0.01	0.42%				
Encroachments	0.07	0.02	0.15	6.34%	0.02	0.09		
Animal Control	2.25		2.25	95.13%				
Slope Stability		0.01	0.04	1.69%				
Erosion / Bank Caving	0.01		0.01	0.42%				
Crown Surface / Depressions / Rutting	2.25		2.25	95.13%				
Supplemental								
DRAFT DWR UCIP Field Study					0.04	0.01		
Unit Totals:	5.06	3.15	17.66	746.65%	0.06	0.10	0.00	0.00

Fall 2019 Levee Maintenance Deficiency Summary Report

Overall LMA & Unit Ratings, including DWR Erosion Survey

San Joaquin River Basin (cont.)

Unit No. 02 Ash Slough LB	Overall Unit Rating	Total Unit Miles								
NA0011	U	2.04								
Datad Itam		Maintena	ince Deficiency		Enforc	Enforcement		Enforcement		& System scence
Rated Item Earthen Levee	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles		
Vegetation	0.46	2.81	11.70	574.80%		0.07				
Trim / Thin Trees	0.16		0.16	7.86%						
Encroachments	0.02	0.63	2.54	124.79%	0.11	0.20				
Animal Control	1.63	1.67	8.31	408.26%						
Slope Stability	0.01		0.01	0.49%						
Crown Surface / Depressions / Rutting	1.96		1.96	96.29%						
Supplemental							1			
DWR Erosion Survey		0.08	0.32	15.72%						
DRAFT DWR UCIP Field Study					0.06					
Unit Totals:	4.24	5.19	25.00	1228.21%	0.17	0.27	0.00	0.00		
Unit No. 03 Berenda Slough RB	Overall Unit Rating	Total Unit Miles								
NA0011	U	1.51								
		Maintena	ince Deficiency		Enforcement			& System scence		
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles			
Earthen Levee										
Vegetation		4.41	17.64	1165.81%						
Trim / Thin Trees	0.07	0.07	0.35	23.13%						
Encroachments	0.01	0.02	0.09	5.95%						
Animal Control	1.60	1.12	6.08	401.82%						
Slope Stability	0.01		0.01	0.66%						
Crown Surface / Depressions / Rutting	1.43		1.43	94.51%						
Supplemental										
DRAFT DWR UCIP Field Study					0.02					
Unit Totals:	3.12	5.62	25.60	1691.88%	0.02	0.00	0.00	0.00		
Unit No. 04 Berenda Slough LB	Overall Unit Rating	Total Unit Miles								
NA0011	U	2.28								
		Maintena	ince Deficiency		Enforc	ement		& System		
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles		
Earthen Levee Vegetation	0.56	1.52	18.69	810 200/						
Vegetation Trim / Thin Troop	0.56	4.53	18.68	819.39%						
Trim / Thin Trees	0.06	0.01	0.10	4.39%	0.70					
Encroachments	0.09	0.02	0.17	7.46%	0.79					
Animal Control	0.05	2.38	9.57	419.78%						
Slope Stability		0.95	3.80	166.69%						
Erosion / Bank Caving	4.55	0.01	0.04	1.75%						
Crown Surface / Depressions / Rutting	1.08		1.08	47.37%						
Supplemental DRAFT DWR UCIP Field Study			T			0.01				
Unit Totals:	1.84	7.90	33.44	1466.83%	0.79	0.01	0.00	0.00		
Unit Totals:	1.04	7.90	33.44	1400.83%	0.79	0.01	0.00	0.00		

Fall 2019 Levee Maintenance Deficiency Summary Report

Overall LMA & Unit Ratings, including DWR Erosion Survey

San Joaquin River Basin (cont.)

Unit No. 05 Fresno River RB	Overall Unit Rating	Total Unit Miles						
NA0011	U	9.10						
		Maintena	nce Deficiency		Enforc	Enforcement		& System scence
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee								
Vegetation	1.27	13.98	57.19	628.44%	0.01			
Trim / Thin Trees		0.01	0.04	0.44%				
Encroachments					4.05	0.05		
Animal Control	6.75	0.04	6.91	75.93%				
Slope Stability	0.01		0.01	0.11%				
Erosion / Bank Caving	0.03		0.03	0.33%				
Crown Surface / Depressions / Rutting	4.99		4.99	54.83%				
Rivers, Channels & Designated Floodways								
Encroachments	0.01		0.01	0.11%				
Supplemental				.				
DRAFT DWR UCIP Field Study					0.03			
Unit Totals:	13.06	14.03	69.18	760.19%	4.09	0.05	0.00	0.00
Unit No. 06 Fresno River LB	Overall Unit Rating	Total Unit Miles						
NACCAA	U	9.03						
NA0011			5 " :		- <i>.</i>		Design 8	& System
Rated Item	NA NATIO		nce Deficiency	Th h . l . l . 0/		ement		scence
Fadhan Lava	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee Vegetation	4.98	10.02	45.06	499.11%				
Encroachments	0.06	0.01	0.10	1.11%	1.46	1.72		
Animal Control	8.01	0.01	8.09	89.61%	1.40	1.72		
Slope Stability	0.08	0.02	0.16	1.77%				
Erosion / Bank Caving	0.00	0.02	0.10	1.00%				
<u> </u>	5.29	0.02	5.29	58.60%				
Crown Surface / Depressions / Rutting Supplemental	5.29		5.29	56.60%				
DRAFT DWR UCIP Field Study					0.05	0.01		
Unit Totals:	18.43	10.09	58.79	651.19%	1.51	1.73	0.00	0.00
Offic Totals.	10.40	10.03	30.13	001.19/0	1.51	1.73	0.00	0.00

LMA District Cover Sheet

Fall 2019 Levee Inspection Results

Madera County FCWCA

	Spring (March - May)	Summer ** (June - August)	Fall (September - November)	Winter ** (December - February)
† Overall LMA Rating (Fall Only)			U	

** Non-receipt of Summer or Winter Inspection Reports may effect overall annual rating.

	Reports may effect overall armual rating.
† SPRING INSPECTIONS:	Overall maintenance ratings are not determined for the spring inspection results. Individual maintenance deficiencies are rated using the same criteria in the spring and in the fall.
FALL INSPECTIONS:	The overall maintenance rating shown above is based on operation and maintenance deficiencies identified within the attached unit inspection reports. This rating is not intended to be an indiction of risk.
Comments	

Unit Cover Sheet

Fall 2019 Levee Inspection Results

Madera County FCWCA

Waterway	Bank	Unit Miles
Unit No. 01 Ash Slough	Right	2.37

	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)			U	
Date of Inspection	5/9/2019 - 5/9/2019		10/2/2019 - 10/2/2019	
DWR Inspector	Corey Fujitani		Corey Fujitani	
Accompanied By	Dario Dominguez Madera County			

Summer & Winter Inspections

The Local Maintaining Agency (LMA) is responsible for summer and winter inspections. The LMA is required to submit a report regarding summer and winter inspections to the California Department of Water Resources (DWR).

DWR must be informed on the:

- a) completion of the inspection
- b) any changes other than the results of normal maintenance
- c) corrections to deficiencies noted in this report

If additional items are noted, further documentation of those items must also be submitted.

The LMA should submit this information to DWR using the LMA web application tool available at:

http://cdec.water.ca.gov/lma.html

If the LMA is unable to submit information on this webpage, please contact DWR for assistance.

The LMA should submit the information and any associated documentation by September 30 for summer inspections and March 31 for winter inspections.

Levee Inspection Report By Mile - Fall 2019

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Ash Slough	Right	2.37	10/02/2019 10/02/2019	Corey Fujitani

		Dating **	^	Issue No.		44	
LM Start		Rating **	Α	issue ivo.		41	
LM End		Issue Type +	Ma	Location *			
Category Earthen Levee				GPS La	atitud	e/Longitude	
Category				Start		End	
Item		s & Maintena	nce		0		0
пеш	Manuals				0		0
DWR ID DWR_NA0011_01_s _ 2012_41							
		Comn	nent Cod	de			
			_				
		Inspecto	or Comm	nent			
Madera County has a copy of the O&M Manual on hand.							

No Photos

LM Start		Rating **	A	issue No.		43	
LM End		Issue Type +	Ma	Location *			
Category	Earthen L	evee		GPS La	atitud	le/Longitude	
Calegory				Start		End	
Item		cy Supplies &			0		0
пеш	Equipmer	nt			0		0
DWR ID	DWR_NA0	011_01_s _ 201	2_43				
		Comn	nent Cod	de			
		Inspecto	or Comm	nent			

No Photos

LM Start		Rating **	М	Issue No.		44	
LM End		Issue Type +	Ma	Location *			
Category	Earthen L	evee		GPS La	atitud	le/Longitude	
Category				Start		End	
Item	Flood Pre	paredness &	Training		0		0
item					0		0
DWR ID	DWR_NA0	011_01_s _ 201	2_44				
		Comn	nent Cod	le			
		Inspecto	or Comm	ent			

Madera County Flood Control has plans to attend flood fight training this

No Photos

* Location LS : Land Side

N/A: Not Applicable

year however is a few years removed from last training.

Madera County has emergency supplies.

WS: Water Side

A : Acceptable M : Minimally Acceptable U : Unacceptable

N : Not Inspected/Rated C : Corrected

A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence

En: Enforcement

Levee Inspection Report By Mile - Fall 2019

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Ash Slough	Right	2.37	10/02/2019 10/02/2019	Corey Fujitani

LM Start	0.02	Rating **	М	Issue No.		15	
LM End	0.02	Issue Type +	En	Location *		CR	
Category	Earthen Levee			GPS La	atitud	e/Longitude	
Category				Start		End	
Item	Encroachi	ments		37.0465	24°	37.046524°	
пеш				-120.427616° -120.4276			
DWR ID DWR_NA0011_01_f _ 2018_15							
Comment Code							
DE : Debris							
		Inspecto	or Comm	nent			
Pallets left on levee crown should be removed.							

LM Start	0.02	Rating **	М	Issue No.	15 (cont)
LM End	0.02	Issue Type +	En	Location *	CR

Photo 1 of 2: FA_2019_NA0011_142_15_20191008_00029.jpg



Pallets used as a sign on levee crown. (Fall 2019)

Photo 2 of 2: FA_2019_NA0011_142_15_20190912_00006.jpg



Pallets left on levee crown. (Fall 2018)

LM Start	0.03	Rating **	U	Issue No.		9	
LM End	2.14	Issue Type +	Ма	Location *	WS		
Earthen Levee				GPS La	atitud	e/Longitude	
Category				Start		End	
Item	Vegetation			37.0465	73°	37.065960°	
item				-120.427527 ° -120.40009			
DWR ID DWR_NA0011_01_f _ 2019_9							
		Comn	nent Cod	de			
V1 : Contre	•	grass and wee	ds on th	e levee slop	oes a	and	
		Inspecto	or Comm	nent			

Photo 1 of 1 : FA	_2019_NA001 [,]	1_142_9_	_20191008_	_00030.jpg



View of vegetation on waterside slope looking upstream. (Fall 2019)

* Location	** Rating		+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement

Levee Inspection Report By Mile - Fall 2019

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Ash Slough	Right	2.37	10/02/2019 10/02/2019	Corey Fujitani

LM Start	0.03	Rating **	U	Issue No.		18
LM End	0.06	Issue Type +	En	Location *		LS
Category Earthen Levee				GPS Latitude/Longitude		
Calegory				Start Er		End
Item	Encroach	ments		37.0465	66 °	37.046715°
пеш				-120.4275	12°	-120.426964°
DWR ID DWR_NA0011_01_s _ 2014_18						·
		Comn	nent Coo	de		

DT: Ditch

Inspector Comment

There seem to be lots of activity going on at this location. This ditch will cause more damage to the levee slope and toe.

Photo 1 of 1 : FA_2019_NA0011_142_18_20190912_00007.jpg



Ash Slough looking upstream from the landside slope levee mile 0.03.

LM Start	0.04	Rating **	U	Issue No.		45	
LM End	0.04	Issue Type +	En	Location *			
Supplemental Category				GPS Latitude/Longitude			
Calegory				Start		End	
Item		WR UCIP Fie	ld	37.0466	18°	37.046618°	
пеш	Study					-120.427350°	
DWR ID	21513						
	Comment Code						

Inspector Comment

DS_ID:21513 FS_ID:53153 EP_NO: N/A Repair Type: Urgent Crossing Status: Found

UCIP Comments: 10/31/2018 Erosion present on both the right and the left side of the concrete headwall located on the LS. Pipe inlet is about 50 percent filled with soil. WS outlet is at a low point, water will pond against the levee until it reaches channel elevation. This crossing does not properly drain to the channel. Levee is composed of highly erodible material. Recommend clearing soil from pipe and completing internal pipe inspection to determine pipe integrity through levee. (O. Magana - DWR UCIP)

07/14/2016 No inspection completed--need to inspect October 2016. (DWR UCIP - omagana)05/06/2014 Landward slope has been excavated and a berm built in front of landward headwall. Sediment visible inside pipe from landward side. Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the waterward slope. Recommend removing vegetation along pipe alignment and waterward headwall to conduct proper inspection of structure. (DWR UCIP - omagana)

FIELD_STRUCT_DESC: 30-inch corrugated metal gravity drainage pipe through the levee, 9.5 feet below the crown. Headwall and wing wall on each end. Flap gate on the waterside (WS) end. [Additional Reference(s): DWR Levee Log, 2005].

FS Date: 10/31/2018 11:25:00 AM





View of WS--dense vegetation along WS slope.

Levee Inspection Report By Mile - Fall 2019

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Ash Slough	Right	2.37	10/02/2019 10/02/2019	Corey Fujitani

LM Start	0.04	Rating **	U	Issue No.		45 (cont)
LM End	0.04	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
Calegory				Start 37.046618		End
Item		WR UCIP Fie	WR UCIP Field			37.046618
пеш	Study			-120.4273	50°	-120.427350
DWR ID	21513					

Inspector Comment

Comment Code

DS ID:21513 FS_ID:53153 EP_NO: N/A Repair Type: Urgent Crossing Status: Found

UCIP Comments: 10/31/2018 Erosion present on both the right and the left side of the concrete headwall located on the LS. Pipe inlet is about 50 percent filled with soil. WS outlet is at a low point, water will pond against the levee until it reaches channel elevation. This crossing does not properly drain to the channel. Levee is composed of highly erodible material. Recommend clearing soil from pipe and completing internal pipe inspection to determine pipe integrity through levee. (O. Magana -DWR UCIP)

07/14/2016 No inspection completed--need to inspect October 2016. (DWR UCIP - omagana)05/06/2014 Landward slope has been excavated and a berm built in front of landward headwall. Sediment visible inside pipe from landward side. Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the waterward slope. Recommend removing vegetation along pipe alignment and waterward headwall to conduct proper inspection of

structure. (DWR UCIP - omagana)
FIELD_STRUCT_DESC: 30-inch corrugated metal gravity drainage pipe through the levee, 9.5 feet below the crown. Headwall and wing wall on each end. Flap gate on the waterside (WS) end. [Additional Reference(s): DWR Levee Log, 2005].

FS Date: 10/31/2018 11:25:00 AM

LM Start	0.04	Rating **	U	Issue No.	45 (cont)
LM End	0.04	Issue Type +	En	Location *	

Photo 2 of 3: UCIP_FA_2019_53153_69673.jpg



Flap gate located on WS blocked by dense vegetation.

Photo 3 of 3: UCIP_FA_2019_53153_69675.jpg



View of LS--levee slope has been modified.

Location + Issue Type LS: Land Side N/A: Not Applicable Acceptable N: Not Inspected/Rated Ma: Maintenance Deficiency WS: Water Side Minimally Acceptable Ob : Design & System Obsolescence C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain En: Enforcement

Levee Inspection Report By Mile - Fall 2019

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Ash Slough	Right	2.37	10/02/2019 10/02/2019	Corey Fujitani

LM Start	0.04	Rating **	U	Issue No.		20	
LM End	0.04	Issue Type +	Ma	Location *		LS	
Category	Earthen L	evee		GPS Latitude/Longitude			
Calegory				Start		End	
Item	Slope Stability			37.04662	24 °	37.046624°	
пеш			-120.4273°	17°	-120.427317 °		
DWR ID	DWR_NA0	011_01_s _ 201	4_20				
Comment Code							

S1: Repair slope instability.

Inspector Comment

This is not a new erosion site, it should be repaired before the condition gets any worse.

LM Start	0.04	Rating **	U	Issue No.	20 (cont)
LM End	0.04	Issue Type +	Ma	Location *	LS

Photo 1 of 2: FA_2019_NA0011_142_20_20191008_00031.jpg



View of damage to landside slope. (Fall 2019)

Photo 2 of 2: FA_2019_NA0011_142_20_20190912_00008.jpg



There is damage to the landside levee slope next to the concrete inlet structure.

LM Start	0.04	Rating **	М	Issue No.	36		
LM End	0.05	Issue Type +	En	Location *	LS		
Category Earthen Levee			GPS Latitude/Longitude				
				Start		End	
Item	Encroachments			37.046589°		37.046673°	
item			-120.427298 °		-120.427187°		
DWR ID	DWR_NA0	011_01_s _ 201	2_36				
		Comn	nent Cod	de			
PR : Prunings							
		Inapact	or Comm	ont			

Inspector Comment

Remove the prunings from the landside slope.

Photo 1 of 1: FA_2019_NA0011_142_36_20190912_00015.jpg



View of prunings left on the landside slope. (Fall 2018)

* Location + Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence LS: Land Side N/A: Not Applicable : Acceptable : Minimally Acceptable N: Not Inspected/Rated WS: Water Side C : Corrected A/W : Acceptable but Monitor & Maintain CR : Crown U : Unacceptable En: Enforcement

Levee Inspection Report By Mile - Fall 2019

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Ash Slough	Right	2.37	10/02/2019 10/02/2019	Corey Fujitani

LM Start	0.05	Rating **	M	Issue No.		16							
LM End	0.13	Issue Type +	Ма	Location *	LS								
Catagory	Category Earthen Levee			GPS Latitude/Longitude									
Calegory			Start		End								
Vegetation			37.046673°		37.047013°								
пеш			-120.427187°		-120.425702 °								
DWR ID	DWR_NA0	011_01_f _ 201	9_16										
		Comn	nent Cod	de									
		rass and wee	ds on th	e levee slo	pes a	and							
easements	S.												
		Inspecto	or Comm	nent									
						'							

No Photos

Issue No. Rating ** С 0.05 LM Start 12 0.05 Issue Type + Location * LS LM End Earthen Levee GPS Latitude/Longitude Category Start End Encroachments 37.046683° 37.046683° Item -120.427077 ° -120.427077 ° DWR_NA0011_01_s _ 2017_12 DWR ID Comment Code

No Photos

PR: Prunings

Inspector Comment

Remove the brush pile from the landside slope.

LM Start	0.06	Rating **	М	Issue No.		19	
LM End	2.31	Issue Type +	Ma	Location *		CR	
Category	Category Earthen Levee			GPS Latitude/Longitude			
Calegory				Start		End	
Item	Crown Surface / Depressions /			37.0467	32°	37.067958°	
item	Rutting		-120.4269	22 °	-120.398828 °		
DWR ID	DWR_NA0	011_01_s _ 201	7_19				
	Comment Co						

No Photos

Inspector Comment

C2: Repair depressions or ruts in the crown or slope.

* Location

LS: Land Side N/A: Not Applicable

WS: Water Side

A : Acceptable M : Minimally Acceptable U : Unacceptable

N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence

En: Enforcement

Levee Inspection Report By Mile - Fall 2019

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Ash Slough	Right	2.37	10/02/2019 10/02/2019	Corey Fujitani

LM Start	0.11	Rating **	М	Issue No. 17		17
LM End	2.36	Issue Type +	Ma	Location *		LS
Catagony	Category Earthen Levee			GPS Latitude/Longitude		
Calegory			Start		End	
ltom	Item Animal Control			37.0468	90°	37.068730°
пеш				-120.4261	37°	-120.398670°
DWR ID	DWR_NA0	011_01_f _ 201	6_17			
Comment Code						

A3: No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.

Inspector Comment

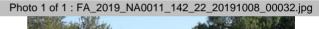
No Photos

LM Start	0.24	Rating **	U	Issue No.		22
LM End	0.80	Issue Type +	Ma	Location *		LS
Category Earthen Levee			GPS Latitude/Longitude			
Calegory			Start		End	
Vegetation Item			37.0474	92 °	37.053543°	
item			-120.4237	98 °	-120.417370°	
DWR ID	DWR_NA0	011_01_f _ 201	9_22			

Comment Code

V1: Control annual grass and weeds on the levee slopes and easements.

Inspector Comment





Looking upstream along the landside slope. (Fall 2019)

LM Start	0.26	Rating **	С	Issue No.		31	
LM End	0.26	Issue Type +	En	Location *	LS		
Catagory	Earthen L	evee		GPS La	atitud	e/Longitude	
Category				Start		End	
Item	Encroach	ments		37.0476	24°	37.047624	٥
пеш				-120.4234	90°	-120.423490	0
DWR ID	DWR_NA0	011_01_s _ 201	9_31				

Comment Code

EQ: Equipment

CR : Crown

Inspector Comment

No Photos

En: Enforcement

* Location + Issue Type A : Acceptable
M : Minimally Acceptable
U : Unacceptable Ma : Maintenance Deficiency
Ob : Design & System Obsolescence LS: Land Side N/A: Not Applicable N : Not Inspected/Rated C : Corrected WS: Water Side

Levee Inspection Report By Mile - Fall 2019

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Ash Slough	Right	2.37	10/02/2019 10/02/2019	Corey Fujitani

LM Start	0.28	Rating **	М	Issue No.		6	
LM End	0.30	Issue Type +	Ma	Location *	WS		
Category	Earthen L	evee		GPS La	atituc	de/Longitude	
Calegory				Start		End	
Item	Encroach	ments	37.0478	12°	37.047963	0	
item		-120.423155 °		-120.422898	0		
DWR ID	DWR ID DWR_NA0011_01_s _ 2012_6						
		Comn	nent Cod	de			
TR : Tree	or limb						
		Inspecto	or Comm	nent			

No Photos

LM Start	0.33	Rating **	М	Issue No.		8		
LM End	0.35	Issue Type +	Ma	Location *	WS			
Category	Earthen Levee			GPS Latitude/Longitude				
Calegory		Start		End				
Item	Encroach	ments		37.04822	23°	37.048467°		
пеш				-120.42264	12°	-120.422315°		
DWR ID DWR_NA0011_01_s _ 2012_8								

Comment Code

TR: Tree or limb

Inspector Comment

No Photos

LM Start	0.44	Rating **	М	Issue No.		11	
LM End	0.44	Issue Type +	Ma	Location *		WS	
Category	Earthen Levee				GPS Latitude/Longitude		
Calegory	ategory					End	
Item	Encroach	Encroachments			55°	37.049455°	
item			-120.4212	18°	-120.421218°		
DWR ID	DWR_NA0	011_01_s _ 201	2_11				

Comment Code TR: Tree or limb

Inspector Comment

Remove the dead tree from the waterside slope.



Remove downed tree from waterside slope.

* Location LS : Land Side N/A: Not Applicable

WS: Water Side

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

N : Not Inspected/Rated C : Corrected

A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence

En: Enforcement

Levee Inspection Report By Mile - Fall 2019

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Ash Slough	Right	2.37	10/02/2019 10/02/2019	Corey Fujitani

	_							
LM Start	0.44	Rating **	U	Issue No.		23		
LM End	0.80	Issue Type +	Ma	Location *	CR			
Category	evee	GPS La	atitud	e/Longitude				
Calegory				Start		End		
Item	Vegetation 37.049450 ° 37.0							
пеш		-120.417372°						
DWR ID DWR_NA0011_01_f _ 2019_23								
		Comn	nent Cod	de				
V9 : Keep	the crown	roadway free	of veget	ation.				
Inspector Comment								

Photo 1 of 1: FA_2019_NA0011_142_23_20191008_00033.jpg



View along the levee crown looking upstream. (Fall 2019)

LM Start	0.53	Rating **	М	Issue No.	10		
LM End	0.53	Issue Type +	Ma	Location *	WS		
Category Earthen Levee				GPS Latitude/Longitude			
Calegory				Start		End	
Item	Encroach	ments		37.0503	35°	37.050335°	
пеш				-120.4199	65 °	-120.419965°	
DWR ID DWR_NA0011_01_s _ 2012_10							
Comment Code							

TR: Tree or limb

Inspector Comment

Remove the tree limbs from the waterside slope.

No Photos

LM Start	0.59	Rating **	U	Issue No.		13			
LM End	0.61	Issue Type +	En	Location *		LS			
Category	evee	GPS Latitude/Longitude							
Calegory				Start		End			
Item	Encroachi	ments		37.0509	20°	37.051093°			
item				-120.4192	10°	-120.418992 °			
DWR ID	DWR_NA0	011_01_f _ 201	7_13						
		Comn	nent Cod	de					
PR : Prunii	ngs								
	Inspector Comment								
Remove th	Remove the large pruning piles on landside slope.								

Photo 1 of 3: FA_2019_NA0011_142_13_20191008_00034.jpg



Large pruning pile left on landside slope. (Fall 2019)

* Location	** Rating		+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement

NA0011

Flood Control Project Maintenance Levee Inspections

Levee Inspection Report By Mile - Fall 2019

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Ash Slough	Right	2.37	10/02/2019 10/02/2019	Corey Fujitani

LM Start	0.59	Rating **	U	Issue No.		13 (cont)		
LM End	0.61	Issue Type +	En	Location *	LS			
Category	evee		GPS La	atitud	le/Longitude			
Calegory				Start		End		
Item	Encroach	ments		37.0509	20°	37.051093°		
пеш				-120.4192	-120.418992 °			
DWR ID DWR_NA0011_01_f _ 2017_13								
		Comn	nent Cod	de				
PR : Pruni	ngs							
		Inspecto	or Comm	nent				
Remove the large pruning piles on landside slope.								

LM Start	0.59	Rating **	U	Issue No.	13 (cont)
LM End	0.61	Issue Type +	En	Location *	LS



Looking west at pruning pile on landward slope. (Spring 2018)

Photo 3 of 3: FA_2019_NA0011_142_13_20190912_00004.jpg



Remove large pruning piles from landside slope.

LM Start	0.62	Rating **	М	Issue No.		37			
LM End	0.62	Issue Type +	Ma	Location *		WS			
Category	GPS La	atitud	le/Longitude						
Calegory				Start		End			
Item	Encroach	ments		37.0512	22°	37.051222	0		
пеш				-120.4188	10°	-120.418810	0		
DWR ID	DWR ID DWR_NA0011_01_f _ 2015_37								
		Comn	nent Cod	de					
TR : Tree	or limb								
		Inspecto	or Comm	nent					
Remove th	Remove the tree branches from the waterside slope.								

No Photos

Levee Inspection Report By Mile - Fall 2019

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Ash Slough	Right	2.37	10/02/2019 10/02/2019	Corey Fujitani

LM Start	0.74	Rating **	U	Issue No.		14	
LM End	0.78	Issue Type +	En	Location *		LS	
Category Earthen Levee				GPS Latitude/Longitude			
Calegory				Start		End	
Item	Encroachi	ments	nents		19°	37.053238°	
пеш				-120.4177	26°	-120.417488°	
DWR ID DWR_NA0011_01_s _ 2013_14							

Comment Code

EQ : Equipment

Inspector Comment

Move equipment and debris away from levee to allow inspection and access to landside slope, toe and 10-foot easement.

Photo 1 of 1: FA_2019_NA0011_142_14_20190912_00005.jpg



Farm equipment and debris placed within the easement landside levee toe.

LM Start	0.75	Rating **	U	Issue No.		21
LM End	0.75	Issue Type +	Ma	Location *		WS
Category	Catagoni Earthen Levee			GPS Latitude/Longitude		
Calegory						End
Item	Encroach	ments		37.0527	96°	37.052796°
пеш				-120.4176	41 °	-120.417640°
DWR ID DWR_NA0011_01_f _ 2017_21						

TR : Tree or limb

Inspector Comment

Comment Code

Remove tree limbs from waterside slope.

Photo 1 of 1: FA_2019_NA0011_142_21_20190912_00009.jpg



Looking west at tree limbs and branches on waterward slope. (Spring 2018)

LM Start	0.79	Rating **	U	Issue No.	25	
LM End	0.79	Issue Type +	Ма	Location *		WS
Category Earthen Levee			GPS Latitude/Longitude			
Category				Start	End	
Item	Encroach	ments		37.0533	29°	37.053329°
пеш				-120.4174	48 °	-120.417448°
DWR ID DWR_NA0011_01_f _ 2018_25						
Comment Code						

TR: Tree or limb

Inspector Comment

There is a fallen tree blocking the waterside slope.

Photo 1 of 1 : FA_2019_NA0011_142_25_20190912_00010.jpg



tree limbs and trunks on waterside shoulder and slope. (Fall 2018)

* Location
LS: Land Side N/A: Not Applicable WS: Water Side CR: Crown

** Rating

A: Acceptable N: Not Inspected/Rated M: Minimally Acceptable C: Corrected Ob: Design & System Obsolescence
U: Unacceptable A/W: Acceptable but Monitor & Maintain

** Rating

A: Acceptable N: Not Inspected/Rated M: Ma: Maintenance Deficiency Ob: Design & System Obsolescence
C: Corrected Ob: Design & System Obsolescence
En: Enforcement

Levee Inspection Report By Mile - Fall 2019

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Ash Slough	Right	2.37	10/02/2019 10/02/2019	Corey Fujitani

	1						_
LM Start	0.86	Rating **	М	Issue No.		26	
LM End	0.87	Issue Type +	Ma	Location *	LS		
Category	Earthen L	evee		GPS L	atitud	le/Longitude	
Category				Start		End	
Item	Trim / Thin Trees			37.0543	33°	37.054460	0
пеш			-120.417057 °		-120.417043	0	
DWR ID	DWR_NA0	011_01_f _ 201	6_26				
		Comn	nent Cod	de			
T2 : Thin to	rees to allo	w visibility of	the grou	nd and roo	m to	flood fight.	
Inspector Comment							
Maintain th	ne trees to	allow visibility	of the le	evee slope.			

No Photos

LM Start	1.04	Rating **	М	Issue No.		29
LM End	1.04	Issue Type +	Ma	Location *		LS
Category Earthen Levee				GPS La	atitud	le/Longitude
Catogory				Start		End
Item	Erosion / Bank Caving				80°	37.055880 °
item	item				28°	-120.414628°
DWR ID DWR_NA0011_01_f _ 2018_29						
		Comn	nent Cod	de		
E2 : Sched	dule repair	of erosion site	e prior to	the next in	spe	ction.
			_			
		Inspecto	or Comm	nent		

LM Start	1.04	Rating **	М	Issue No.	29 (cont)
LM End	1.04	Issue Type +	Ma	Location *	LS



View of erosion looking upstream along the landside slope. (Fall 2019)

Photo 2 of 3: FA_2019_NA0011_142_29_20191008_00036.jpg



View of erosion looking up the landside slope. (Fall 2019)

*Location

LS: Land Side N/A: Not Applicable WS: Water Side CR: Crown

** Rating

A: Acceptable N: Not Inspected/Rated M: Maintenance Deficiency Ob: Design & System Obsolescence

CR: Crown

** Rating

A: Acceptable C: Corrected Ob: Design & System Obsolescence

C: Corrected Ob: Design & System Obsolescence

En: Enforcement

Levee Inspection Report By Mile - Fall 2019

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Ash Slough	Right	2.37	10/02/2019 10/02/2019	Corey Fujitani

LM Start	1.04	Rating **	М	Issue No.		29 (cont)	
LM End	1.04	Issue Type +	Ма	Location *		LS	
Category Earthen Levee				GPS Latitude/Longitude			
Calegory				Start		End	
Item	Erosion / Bank Caving			37.0558	80°	37.055880°	
пеш	-120.				28°	-120.414628°	
DWR ID DWR_NA0011_01_f _ 2018_29							
		Comn	nent Cod	le			
E2 : Sched	dule repair	of erosion site	e prior to	the next in	spe	ction.	
		Inspecto	or Comm	ent			



Erosion on landside slope. (Fall 2018)

-						
LM Start	1.45	Rating **	С	Issue No.		7
LM End	2.34	Issue Type +	Ma	Location *		LS
Category Earthen Levee			GPS La	atitud	e/Longitude	
Calegory				Start		End
Item	Slope Sta	bility	37.0591	13°	37.068344°	
пеш				-120.4088	80°	-120.398780°
DWR ID	DWR_NA0	011_01_s _ 201	3_7			
		Comn	nent Cod	de		
S1 : Repai	r slope ins	tability.				
	Inspector Comment					
Repair cut	along the	landside leve	e toe.			

No Photos

Levee Inspection Report By Mile - Fall 2019

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Ash Slough	Right	2.37	10/02/2019 10/02/2019	Corey Fujitani

LM Start	1.71	Rating **	М	Issue No. 46		
LM End	1.71	Issue Type +	En	Location *		
Category Supplemental			GPS Latitude/Longitude			
Calegory	Salegory			Start		End
Item		WR UCIP Fie	ld	37.0614	96°	37.061496°
пеш	Study			-120.4053	48 °	-120.405348°
DWR ID 25456						
Comment Code						

Inspector Comment

DS_ID:25456 FS_ID:53155 EP_NO: N/A

Repair Type: Non-Urgent Crossing Status: Found

FS Date: 10/31/2018 11:26:00 AM

UCIP Comments: 10/31/2018 Pipe has been capped off. No integrity issues were observed during the site inspection. Crossing has been downgraded from Urgent to Non-Urgent. Need to coordinate with the CVFPB to determine if the unauthorized crossing will need to be removed, pending issue that needs to be resolved. (O. Magana - DWR UCIP)

07/14/2016 Open pipe still remains on WS through short levee. Need to contact owner to determine extent of work completed through section of levee. (DWR UCIP - omagana)

06/14/2016 Levee disturbed without prior authorization, it appears that the pipe owner did not notify CVFPB of the construction activity. Crossing was added to UCIP database. Spoke to Herman Phillips (DWR Levee Inspector) regarding unauthorized pipe installation along LS toe of U2. The LS toe of U2 (approximately 731 feet) was disturbed. DWR Inspector mentioned that Dario Dominguez with Madera County Flood Control, LMA representative, has sent the pipe owner notification of unauthorized excavation to replace existing pipe along U2 LS toe, dated May 5, 2016. After reviewing the timed aerial photographs (aerials) under Google Earth a new discovery was made regarding the extend of the area distrubed. Based on the aerials it appears that the new pipe system goes through U1 and U2 levees, across Ash Slough, and along LS toe of U2. The pipe through the levees and channel appears to tie into the work currently being done on the LS toe of U2. Both U1 and U2 levees appear to have been disturbed during 2014 2015. The aerials show that the crossing was not present in the aerial dated 4/5/2014, crossing was not present during the 2014 UCIP Inspection dated 5/6/2014, and the crossing was present in the aerial dated 3/18/2015. According to DWR Inspector, Dario Dominguez with Madera County Flood Control was notified of the addtional unauthorized encroachment issue (unauthorized work completed in 2014-2015 on both levees and the channel) that could be related to the trench work being completed by Mr. Sterling. (DWR UCIP - omagana) FIELD_STRUCT_DESC: *ILLEGAL ENCROACHMENT* 10-inch to 12inch irrigation siphon pipe of an unknown material through both levees and across the channel, at an unknown depth. The pipe starts on the landside (LS) toe of Unit 1 (U1) and continues across the channel and through the Unit 2 (U2) levee. The pipe then runs along the LS toe of U2 for approximately 731 feet. This crossing was field discovered. The owner of this crossing is Michael Alexander Sterling, 19140 Faralion Road, Madera, CA 93638-0313.

Photo 1 of 3: UCIP_FA_2019_53155_75206.jpg



Aerial photo of Encroachment visible through levee and channel in 2015. (Source: Google Earth, 3/18/2015)

Levee Inspection Report By Mile - Fall 2019

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Ash Slough	Right	2.37	10/02/2019 10/02/2019	Corey Fujitani

LM Start	1.71	Rating **	М	Issue No.	46 (cont)		
LM End	1.71	Issue Type +	En	Location *			
Category	Suppleme	ental	GPS Latitude/Longitude				
Calegory				Start		End	
Item		WR UCIP Fie	ld	37.0614	96°	37.061496°	
пеш	Study			-120.4053	48°	-120.405348°	
DWR ID 25456							
Comment Code							

Inspector Comment

DS_ID:25456 FS_ID:53155 EP_NO: N/A

Repair Type: Non-Urgent Crossing Status: Found

FS Date: 10/31/2018 11:26:00 AM

UCIP Comments: 10/31/2018 Pipe has been capped off. No integrity issues were observed during the site inspection. Crossing has been downgraded from Urgent to Non-Urgent. Need to coordinate with the CVFPB to determine if the unauthorized crossing will need to be removed, pending issue that needs to be resolved. (O. Magana - DWR UCIP)

07/14/2016 Open pipe still remains on WS through short levee. Need to contact owner to determine extent of work completed through section of levee. (DWR UCIP - omagana)

06/14/2016 Levee disturbed without prior authorization, it appears that the pipe owner did not notify CVFPB of the construction activity. Crossing was added to UCIP database. Spoke to Herman Phillips (DWR Levee Inspector) regarding unauthorized pipe installation along LS toe of U2. The LS toe of U2 (approximately 731 feet) was disturbed. DWR Inspector mentioned that Dario Dominguez with Madera County Flood Control, LMA representative, has sent the pipe owner notification of unauthorized excavation to replace existing pipe along U2 LS toe, dated May 5, 2016. After reviewing the timed aerial photographs (aerials) under Google Earth a new discovery was made regarding the extend of the area distrubed. Based on the aerials it appears that the new pipe system goes through U1 and U2 levees, across Ash Slough, and along LS toe of U2. The pipe through the levees and channel appears to tie into the work currently being done on the LS toe of U2. Both U1 and U2 levees appear to have been disturbed during 2014 2015. The aerials show that the crossing was not present in the aerial dated 4/5/2014, crossing was not present during the 2014 UCIP Inspection dated 5/6/2014, and the crossing was present in the aerial dated 3/18/2015. According to DWR Inspector, Dario Dominguez with Madera County Flood Control was notified of the addtional unauthorized encroachment issue (unauthorized work completed in 2014-2015 on both levees and the channel) that could be related to the trench work being completed by Mr. Sterling. (DWR UCIP - omagana) FIELD_STRUCT_DESC: *ILLEGAL ENCROACHMENT* 10-inch to 12inch irrigation siphon pipe of an unknown material through both levees and across the channel, at an unknown depth. The pipe starts on the landside (LS) toe of Unit 1 (U1) and continues across the channel and through the Unit 2 (U2) levee. The pipe then runs along the LS toe of U2 for approximately 731 feet. This crossing was field discovered. The owner of this crossing is Michael Alexander Sterling, 19140 Faralion Road, Madera, CA 93638-0313.

Photo 2 of 3 : UCIP_FA_2019_53155_75221.jpg



Assumed alignment of pipe through the levees and along LS toe of U2. (Source: Google Earth, 3/18/2015)

Levee Inspection Report By Mile - Fall 2019

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Ash Slough	Right	2.37	10/02/2019 10/02/2019	Corey Fujitani

LM Start	1.71	Rating **	М	Issue No.	46 (cont)		
LM End	1.71	Issue Type +	En	Location *			
Category	Suppleme	ental	GPS Latitude/Longitude				
Calegory				Start		End	
Item		WR UCIP Fie	ld	37.0614	96°	37.061496°	
пеш	Study			-120.4053	48°	-120.405348°	
DWR ID 25456							
Comment Code							

Inspector Comment

DS_ID:25456 FS_ID:53155 EP_NO: N/A

Repair Type: Non-Urgent Crossing Status: Found

FS Date: 10/31/2018 11:26:00 AM

UCIP Comments: 10/31/2018 Pipe has been capped off. No integrity issues were observed during the site inspection. Crossing has been downgraded from Urgent to Non-Urgent. Need to coordinate with the CVFPB to determine if the unauthorized crossing will need to be removed, pending issue that needs to be resolved. (O. Magana - DWR UCIP)

07/14/2016 Open pipe still remains on WS through short levee. Need to contact owner to determine extent of work completed through section of levee. (DWR UCIP - omagana)

06/14/2016 Levee disturbed without prior authorization, it appears that the pipe owner did not notify CVFPB of the construction activity. Crossing was added to UCIP database. Spoke to Herman Phillips (DWR Levee Inspector) regarding unauthorized pipe installation along LS toe of U2. The LS toe of U2 (approximately 731 feet) was disturbed. DWR Inspector mentioned that Dario Dominguez with Madera County Flood Control, LMA representative, has sent the pipe owner notification of unauthorized excavation to replace existing pipe along U2 LS toe, dated May 5, 2016. After reviewing the timed aerial photographs (aerials) under Google Earth a new discovery was made regarding the extend of the area distrubed. Based on the aerials it appears that the new pipe system goes through U1 and U2 levees, across Ash Slough, and along LS toe of U2. The pipe through the levees and channel appears to tie into the work currently being done on the LS toe of U2. Both U1 and U2 levees appear to have been disturbed during 2014 2015. The aerials show that the crossing was not present in the aerial dated 4/5/2014, crossing was not present during the 2014 UCIP Inspection dated 5/6/2014, and the crossing was present in the aerial dated 3/18/2015. According to DWR Inspector, Dario Dominguez with Madera County Flood Control was notified of the addtional unauthorized encroachment issue (unauthorized work completed in 2014-2015 on both levees and the channel) that could be related to the trench work being completed by Mr. Sterling. (DWR UCIP - omagana) FIELD_STRUCT_DESC: *ILLEGAL ENCROACHMENT* 10-inch to 12inch irrigation siphon pipe of an unknown material through both levees and across the channel, at an unknown depth. The pipe starts on the landside (LS) toe of Unit 1 (U1) and continues across the channel and through the Unit 2 (U2) levee. The pipe then runs along the LS toe of U2 for approximately 731 feet. This crossing was field discovered. The owner of this crossing is Michael Alexander Sterling, 19140 Faralion Road, Madera, CA 93638-0313.



Aerial photo of Encroachment not present in 2014. (Source: Google Earth, 4/5/2014)

* Location
LS: Land Side N/A: Not Applicable
WS: Water Side
CR: Crown

** Rating
A: Acceptable N: Not Inspected/Rated
M: Minimally Acceptable
C: Corrected
M: Minimally Acceptable
U: Unacceptable
AW: Acceptable but Monitor & Maintain

** Rating
A: Issue Type
Ma: Maintenance Deficiency
Ob: Design & System Obsolescence
En: Enforcement

Levee Inspection Report By Mile - Fall 2019

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Ash Slough	Right	2.37	10/02/2019 10/02/2019	Corey Fujitani

LM Start	1.73	Rating **	М	Issue No.		24		
LM End	2.12	Issue Type +	Ma	Location *		LS		
Category	Earthen L	evee	GPS La	atitud	le/Longitude			
Calegory				Start		End		
Item	Vegetatio	n		37.0616	85 °	37.065827	0	
пеш	em				-120.405165 °		0	
DWR ID	DWR_NA0	011_01_f _ 201	9_24					
		Comn	nent Cod	de				
V1 : Contre easements		grass and wee	ds on th	e levee slo	oes	and		
	Inspector Comment							

No Photos

LM Start	2.09	Rating **	М	Issue No.		47	
LM End	2.09	Issue Type +	En	Location *			
Category	Suppleme	ental		GPS La	titud	le/Longitude	
Calegory				Start		End	
Item		WR UCIP Fie	ld	37.0655	69°	37.065569	0
пеш	Study			-120.4007	52°	-120.400752	0
DWR ID	21511						Т

Comment Code

Inspector Comment

DS_ID:21511 FS_ID:52846 EP_NO: N/A

Repair Type: Non-Urgent Crossing Status: Indicator Found

UCIP Comments: 05/06/2014 Need to contact to owner to get contact

information. (DWR UCIP - O. Magana)
FIELD_STRUCT_DESC: Telephone conduit of an unknown size or material through the levee, at an unknown depth. [Additional

Reference(s): DWR Levee Log, 2005].

FS Date: 5/6/2014

Photo 1 of 1: UCIP_FA_2019_52846_71806.jpg



Conduit box located on waterward side.

Levee Inspection Report By Mile - Fall 2019

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Ash Slough	Right	2.37	10/02/2019 10/02/2019	Corey Fujitani

LM Start	2.10	Rating **	М	Issue No.		48		
LM End	2.10	Issue Type +	En	Location *				
Category	Suppleme	ental	GPS Latitude/Longitude					
Calegory				End				
Item	DRAFT D	WR UCIP Fie	ld	37.0656	49°	37.065649°		
пеш	Study			-120.4006	63°	-120.400663 °		
DWR ID 25042								
	Comment Code							

Inspector Comment

DS_ID:25042 FS_ID:52847 EP_NO: N/A

Repair Type: Non-Urgent Crossing Status: Found

UCIP Comments: 05/06/2014 Need to contact owner to determine if

crossing goes through levee. (DWR UCIP - O. Magana)

FIELD_STRUCT_DESC: 10-inch or 12-inch drainage discharge pipe of an unknown material through the levee, at an unknown depth. Crossing visible inside a concrete standpipe on the waterside (WS). Potential pump station on the landside (LS), approximately 100 feet from the standpipe. This crossing was field discovered.

FS Date: 5/6/2014

LM Start	2.10	Rating **	М	Issue No.	48 (cont)
LM End	2.10	Issue Type +	En	Location *	



Pump station visible approximately 100 feet from concrete standpipe.

Photo 2 of 3: UCIP_FA_2019_52847_71803.jpg



Standpipe visible on waterward side.

NA0011

Flood Control Project Maintenance Levee Inspections

Levee Inspection Report By Mile - Fall 2019

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Ash Slough	Right	2.37	10/02/2019 10/02/2019	Corey Fujitani

LM Start	2.10	Rating **	М	Issue No.		48 (cont)
LM End	2.10	Issue Type +	En	Location *		
Category	Suppleme	ental		GPS La	titud	e/Longitude
Calegory				Start		End
Item	DRAFT D	WR UCIP Fie	ld	37.06564	19°	37.065649°
пеш	Study			-120.40066	3°	-120.400663 °
DWR ID	25042					·

Inspector Comment

Comment Code

DS_ID:25042 FS_ID:52847 EP_NO: N/A

Repair Type: Non-Urgent Crossing Status: Found

UCIP Comments: 05/06/2014 Need to contact owner to determine if

crossing goes through levee. (DWR UCIP - O. Magana)

FIELD_STRUCT_DESC: 10-inch or 12-inch drainage discharge pipe of an unknown material through the levee, at an unknown depth. Crossing visible inside a concrete standpipe on the waterside (WS). Potential pump station on the landside (LS), approximately 100 feet from the standpipe. This crossing was field discovered.

FS Date: 5/6/2014



Inside view of concrete standpipe.

LM Start	2.26	Rating **	U	Issue No.		27			
LM End	2.35	Issue Type +	Ma	Location *		WS			
Category Earthen Levee			GPS Latitude/Longitude						
Calegory			Start		End				
Item	Vegetatio	n		37.0671	92 °	37.068533	0		
пеш				-120.3987	70°	-120.398663	0		
DWR ID DWR_NA0011_01_f _ 2019_27									

Comment Code

V1: Control annual grass and weeds on the levee slopes and easements.

Inspector Comment

Photo 1 of 1: FA_2019_NA0011_142_27_20191008_00035.jpg



View of vegetation on the waterside slope looking upstream. (Fall 2019)

* Location N/A: Not Applicable LS: Land Side

WS: Water Side CR : Crown

: Acceptable : Minimally Acceptable U : Unacceptable

N : Not Inspected/Rated C : Corrected

+ Issue Type Ma : Maintenance Deficiency

NA0011

Flood Control Project Maintenance Levee Inspections

Levee Inspection Report By Mile - Fall 2019

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Ash Slough	Right	2.37	10/02/2019 10/02/2019	Corey Fujitani

LM Start	2.37	Rating **	М	Issue No.		49	
LM End	2.37	Issue Type +	En	Location *			
Category Supplemental				GPS Lat	tituc	de/Longitude	
Calegory						End	
Item	DRAFT D	WR UCIP Fie	ld	37.06876	i3°	37.068763°	
пеш	Study			-120.39852	3°	-120.398523°	
DWR ID	21512						
Comment Code							

Inspector Comment

DS_ID:21512 FS_ID:52848 EP_NO: N/A

Repair Type: Non-Urgent Crossing Status: Found

UCIP Comments: 05/06/2014 Unable to determine details of crossing and whether crossing has been abandoned. Need to find owner and determine the alignment of crossing to confirm if pipe is being extended from opposite levee. (DWR UCIP - O. Magana)

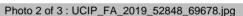
FIELD_STRUCT_DESC: *ABANDONED* Service pole, pump, and two 36-inch standpipes on the landside (LS). Pump not found during 2014 inspection. Three standpipes found on the LS. [Additional Reference(s):

DWR Levee Log, 2005]. FS Date: 5/6/2014

LM Start	2.37	Rating **	М	Issue No.	49 (cont)
LM End	2.37	Issue Type +	En	Location *	



View of waterward side.





View of waterward slope--no signs of crossing visible.

Levee Inspection Report By Mile - Fall 2019

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Ash Slough	Right	2.37	10/02/2019 10/02/2019	Corey Fujitani

LM Start	2.37	Rating **	М	Issue No.		49 (cont)	
LM End	2.37	Issue Type +	En	Location *			
Category			GPS Latitude/Longitude				
Calegory				Start		End	
Item	DRAFT D	WR UCIP Fie	ld	37.06876	i3°	37.068763°	
пеш	Study			-120.39852	3°	-120.398523°	
DWR ID	ID 21512						
Comment Code							

Inspector Comment

DS_ID:21512 FS_ID:52848 EP_NO: N/A

Repair Type: Non-Urgent Crossing Status: Found

UCIP Comments: 05/06/2014 Unable to determine details of crossing and whether crossing has been abandoned. Need to find owner and determine the alignment of crossing to confirm if pipe is being extended from opposite levee. (DWR UCIP - O. Magana)

FIELD_STRUCT_DESC: *ABANDONED* Service pole, pump, and two 36-inch standpipes on the landside (LS). Pump not found during 2014 inspection. Three standpipes found on the LS. [Additional Reference(s): DWR Levee Log, 2005].

FS Date: 5/6/2014



Three stand pipes visible on landward side.

Unit Cover Sheet

Fall 2019 Levee Inspection Results

Madera County FCWCA

Waterway	Bank	Unit Miles
Unit No. 02 Ash Slough	Left	2.04

	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)			U	
Date of Inspection	5/9/2019 - 5/9/2019		10/2/2019 - 10/2/2019	
DWR Inspector	Corey Fujitani		Corey Fujitani	
Accompanied By	Dario Dominguez Madera County			

Summer & Winter Inspections

The Local Maintaining Agency (LMA) is responsible for summer and winter inspections. The LMA is required to submit a report regarding summer and winter inspections to the California Department of Water Resources (DWR).

DWR must be informed on the:

- a) completion of the inspection
- b) any changes other than the results of normal maintenance
- c) corrections to deficiencies noted in this report

If additional items are noted, further documentation of those items must also be submitted.

The LMA should submit this information to DWR using the LMA web application tool available at:

http://cdec.water.ca.gov/lma.html

If the LMA is unable to submit information on this webpage, please contact DWR for assistance.

The LMA should submit the information and any associated documentation by September 30 for summer inspections and March 31 for winter inspections.

NA0011

Flood Control Project Maintenance Levee Inspections

Levee Inspection Report By Mile - Fall 2019

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Ash Slough	Left	2.04	10/02/2019 10/02/2019	Corey Fujitani

LM Start	0.00	Rating **	U	Issue No.		39
LM End	1.67	Issue Type +	Ma	Location *		WS
Earthen Levee			GPS Latitude/Longitude			
Category				Start		End
Item	Animal Co	ontrol		37.0454	85 °	37.060091 °
пеш			-120.4274	23 °	-120.405340°	
DWR ID DWR_NA0011_02_f _ 2015_39						
Comment Code						

A1: Exterminate rodents and backfill and compact or grout burrows.

Inspector Comment

The levee section waterside is covered with rodent holes.

LM Start	0.00	Rating **	U	Issue No.	39 (cont)
LM End	1.67	Issue Type +	Ma	Location *	WS

Photo 1 of 2: FA_2019_NA0011_143_39_20190912_00026.jpg



Other rodent holes noted in the slope waterside levee section.

Photo 2 of 2: FA_2019_NA0011_143_39_20190912_00027.jpg



Active rodents spotted in the area waterside slope levee mile 0.00-1.67.

LM Start	0.00	Rating **	U	Issue No.		9		
LM End	2.02	Issue Type +	Ma	Location *	WS			
Earthen Levee				GPS Latitude/Longitude				
Calegory	Category			Start		End		
Vegetation			37.045539°		37.063958°			
item				-120.4274	40°	-120.401133°		
DWR ID	DWR ID DWR_NA0011_02_f _ 2019_9							
Comment Code								
V1 : Contro	V1 : Control annual grass and weeds on the levee slopes and							

easements.

Inspector Comment

Photo 1 of 1: FA_2019_NA0011_143_9_20191008_00048.jpg



View of waterside slope looking downstream. (Fall 2019)

* Location

N/A: Not Applicable LS: Land Side

WS: Water Side

: Acceptable : Minimally Acceptable U : Unacceptable

N : Not Inspected/Rated

C : Corrected A/W : Acceptable but Monitor & Maintain + Issue Type

Ma: Maintenance Deficiency Ob : Design & System Obsolescence

En: Enforcement

Levee Inspection Report By Mile - Fall 2019

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Ash Slough	Left	2.04	10/02/2019 10/02/2019	Corey Fujitani

LM Start	0.01	Rating **	М	Issue No.		47	
LM End	0.01	Issue Type +	En	Location *			
Category				GPS Latitude/Longitude			
Category		Start		End			
Item		WR UCIP Fie	ld	37.0455	32°	37.045532°	
пеш	Study			-120.4272	68°	-120.427268°	
DWR ID	DWR ID 21585						
	Comment Code						

Inspector Comment

DS_ID:21585 FS_ID:52830 EP_NO: 8068

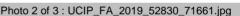
Repair Type: Non-Urgent Crossing Status: Found

UCIP Comments: 05/06/2014 Unable to confirm if crossing found in the field corresponds to the crossing described under Permit 8068. Only 1 crossing found permit indicates 2 irrigation culverts. Need to contact owner to obtain additional details of crossing. (DWR UCIP - O. Magana) FIELD_STRUCT_DESC: To retain two irrigation culverts and siphons of an unknown size or material through the levee, at an unknown depth. Located at the intersection of Ash Slough and the Chowchilla Canal. FS Date: 5/6/2014

LM Start	0.01	Rating **	М	Issue No.	47 (cont)
LM End	0.01	Issue Type +	En	Location *	



View of landward side.





View of riser located on waterward side.

Levee Inspection Report By Mile - Fall 2019

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Ash Slough	Left	2.04	10/02/2019 10/02/2019	Corey Fujitani

LM Start	0.01	Rating **	М	Issue No.		47 (cont)
LM End	0.01	Issue Type +	En	Location *		
Category	Suppleme	ental		GPS La	titud	le/Longitude
Calegory				Start		End
Item	DRAFT D	WR UCIP Fie	ld	37.0455	32 °	37.045532°
пеш	Study			-120.4272	68°	-120.427268 °
DWR ID	21585					

Comment Code

Inspector Comment

DS_ID:21585 FS_ID:52830 EP_NO: 8068

Repair Type: Non-Urgent Crossing Status: Found

UCIP Comments: 05/06/2014 Unable to confirm if crossing found in the field corresponds to the crossing described under Permit 8068. Only 1 crossing found permit indicates 2 irrigation culverts. Need to contact owner to obtain additional details of crossing. (DWR UCIP - O. Magana) FIELD_STRUCT_DESC: To retain two irrigation culverts and siphons of an unknown size or material through the levee, at an unknown depth. Located at the intersection of Ash Slough and the Chowchilla Canal. FS Date: 5/6/2014



Pipe outlet on waterward side.

0.01 Rating ** Issue No. U LM Start 32 LM End 0.03 Issue Type + Location * LS Earthen Levee GPS Latitude/Longitude Category Start End Encroachments 37.045531° 37.045620° Item -120.427244° -120.426900 ° DWR ID DWR_NA0011_02_f _ 2012_32

Comment Code

DT : Ditch

Inspector Comment

There is a settling basin on the landward side of the levee. This basin is very close to the landside easement.

Photo 1 of 1 : FA_2019_NA0011_143_32_20190912_00023.jpg



Ash Slough at levee mile 0.01- 0.03.Settling basin on the landside levee

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

N : Not Inspected/Rated C : Corrected

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence

Levee Inspection Report By Mile - Fall 2019

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Ash Slough	Left	2.04	10/02/2019 10/02/2019	Corey Fujitani

LM Start	0.03	Rating **	М	Issue No.		19	
LM End	1.66	Issue Type +	Ma	Location *		LS	
Category	Earthen L	evee		GPS La	atitud	e/Longitude	
Calegory				Start		End	
Item	Animal Co	Animal Control			23°	37.059952°	
пеш				-120.4269	88°	-120.405448°	
DWR ID	DWR_NA0	011_02_s _ 201	7_19				
		Comn	nent Coc	le			
A1: Exterminate rodents and backfill and compact or grout burrows.						t burrows.	
	Inspector Comment						

No Photos

LM Start	0.04	Rating **	М	Issue No.		22	
LM End	2.00	Issue Type +	Ma	Location *	CR		
Category Earthen Levee				GPS La	titud	e/Longitude	
Calegory				Start		End	
Item		rface / Depres	ssions /	37.0456	27°	37.063718	0
пеш	Rutting			-120.4267	88°	-120.401358	0
DWR ID	DWR_NA0	011_02_s _ 201					
Comment Code							

C2: Repair depressions or ruts in the crown or slope.

Inspector Comment

No Photos

LM Start	0.09	Rating **	U	Issue No.		12
LM End	0.16	Issue Type +	En	Location *		LS
Catagori Earthen Levee				GPS Latitude/Longitude		
Category						End
Item	Encroach	ments		37.0458	76°	37.046198°
пеш				-120.4259	32 °	-120.424737 °
DWR ID	DWR_NA0	011_02_f _ 201	7_12			

Comment Code

EQ: Equipment

Inspector Comment

Photo 1 of 1: FA_2019_NA0011_143_12_20190912_00008.jpg



Move equipment away from levee slope, toe and 10-foot easement at toe to allow inspection and access.

* Location LS : Land Side N/A: Not Applicable WS: Water Side

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

N : Not Inspected/Rated C : Corrected

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence En: Enforcement

Levee Inspection Report By Mile - Fall 2019

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Ash Slough	Left	2.04	10/02/2019 10/02/2019	Corey Fujitani

LM Start	0.16	Rating **	U	Issue No.		23	
LM End	0.23	Issue Type +	En	Location *	on * LS		
Category	Earthen L	evee		GPS La	atitud	e/Longitude	
Calegory				Start		End	
Item	Vegetatio	/egetation			40°	37.046583°	
пеш				-120.424608 °		-120.423560 °	
DWR ID	DWR_NA0	011_02_s _ 201	7_23				
		Comn	nent Cod	de			
V6 : Lands	caping						
	Inspector Comment						
Trim the tre	Trim the tree limbs blocking view of landward levee slope.						

Photo 1 of 1: FA_2019_NA0011_143_23_20190912_00014.jpg



Looking downstrean at tree on landward slope. (Spring 2018)

LM Start	0.21	Rating **	М	Issue No.		46	
LM End	0.21	Issue Type +	Ма	Location *		CR	
Catagori Earthen Levee				GPS Latitude/Longitude			
Calegory	Category			Start		End	
Item	Trim / Thi	n Trees		37.04653	33°	37.046533°	
item				-120.42376	62°	-120.423762°	
DWR ID	DWR_NA0011_02_f _ 2015_46						
	Comment Code						

T4: Trim trees over roadway to at least 12 feet above ground level.

Inspector Comment

Trim tree limb hanging over the crown roadway.

No Photos

LM Start	0.27	Rating **	М	Issue No.	21		
LM End	0.30	Issue Type +	Ma	Location *	WS		
Category	Earthen Levee			GPS Latitude/Longitude			
Calegory		Start		End			
Item	Trim / Thin Trees			37.0469	37°	37.047192	0
item		-120.4228	15°	-120.422517	0		
DWR ID DWR_NA0011_02_s _ 2012_21							
Comment Code							

T1 : Trim trees to at least five feet above ground level.

Inspector Comment

No Photos

* Location		** Rating		+ Issue Type
LS: Land Side	N/A: Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiency
WS: Water Side		M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescenc
CR : Crown		U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement

Levee Inspection Report By Mile - Fall 2019

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Ash Slough	Left	2.04	10/02/2019 10/02/2019	Corey Fujitani

LM Start	0.29	Rating **	U	Issue No.		20
LM End	0.44	Issue Type +	Ма	Location *		CR
Category	GPS Latitude/Longitude					
Calegory			Start		End	
Item	Vegetatio	n		37.0470	18°	37.048545 °
item			-120.4225	35°	-120.420575 °	
DWR ID	DWR ID DWR_NA0011_02_f _ 2019_20					

Comment Code

V9: Keep the crown roadway free of vegetation.

Inspector Comment

Photo 1 of 1 : FA_2019_NA0011_143_20_20191008_00049.jpg



Looking along the levee crown looking downstream. (Fall 2019)

LM Start	0.29	Rating **	U	Issue No.		10
LM End	0.93	Issue Type +	Ма	Location *		LS
Category	evee	GPS Latitude/Longitude				
Calegory			Start		End	
Vegetation				37.0470	18°	37.054440 °
пеш			-120.4225	35°	-120.415937°	
DWR ID	DWR_NA0011_02_f _ 2019_10					

Comment Code

V1 : Control annual grass and weeds on the levee slopes and easements.

Inspector Comment

Photo 1 of 1: FA_2019_NA0011_143_10_20191008_00050.jpg



Looking downstream along the landside slope. (Fall 2019)

LM Start	0.30	Rating **	М	Issue No.		5	
LM End	0.30	Issue Type +	En	Location *		CR	
Category	evee	GPS Latitude/Longitude					
Calegory				Start		End	
ltem Encroachments				37.0471	00°	37.047100	o
item				-120.4224	48°	-120.422448	0
DWR ID	DWR NAO	011 02 f 201	2 5				

Comment Code

FE: Fence

Inspector Comment

This fence was not authorized by CVFPB. The District is aware of the fence. The landowner installed the fence and gate across the levee section because he has been broken into frequently and had many items stolen in the past. An inspector met with the landowner on 4-29-2014 and he let the inspector put a State lock on his gate to gain access to the levee.

Photo 1 of 2 : FA_2019_NA0011_143_5_20190912_00005.jpg



Unauthorized gate and metal fence placed on slope and toe of levee section. Photo taken 4-17-2013.

* Location
LS: Land Side N/A: Not Applicable WS: Water Side CR: Crown

** Rating
A: Acceptable N: Not Inspected/Rated M: Ma: Maintenance Deficiency
C: Corrected Ob: Design & System Obsolescence
U: Unacceptable A/W: Acceptable but Monitor & Maintain

** Rating
A: Acceptable M: N: Not Inspected/Rated M: Ma: Maintenance Deficiency
Ob: Design & System Obsolescence
En: Enforcement

NA0011

Flood Control Project Maintenance Levee Inspections

Levee Inspection Report By Mile - Fall 2019

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Ash Slough	Left	2.04	10/02/2019 10/02/2019	Corey Fujitani

LM Start	0.30	Rating **	М	Issue No.		5 (cont)
LM End	0.30	Issue Type +	En	Location *		CR
Category Earthen Levee				GPS Latitude/Longitude		
Calegory				Start		End
Item	Encroachments				00°	37.047100°
пеш				-120.4224	48 °	-120.422448°
DWR ID	DWR_NA0011_02_f _ 2012_5					

FE: Fence

Inspector Comment

Comment Code

This fence was not authorized by CVFPB. The District is aware of the fence. The landowner installed the fence and gate across the levee section because he has been broken into frequently and had many items stolen in the past. An inspector met with the landowner on 4-29-2014 and he let the inspector put a State lock on his gate to gain access to the levee.



New photo 5-4-2017.

LM Start	0.31	Rating **	М	Issue No.		48	
LM End	0.31	Issue Type +	En	Location *			
Category				GPS Latitude/Longitude			
Calegory				Start		End	
Item	DRAFT D	WR UCIP Fie	ld	37.0472	45 °	37.047245°	
пеш	Study		-120.4224)3°	-120.422403 °		
DWR ID	21514						
Comment Code							

Inspector Comment

DS_ID:21514 FS_ID:52834 EP_NO: N/A

Repair Type: Non-Urgent Crossing Status: Found

UCIP Comments: 05/06/2014 Need to contact owner to determine details of crossing and permit information authorizing crossing. Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure and appurtenances. (DWR UCIP - O. Magana)

FIELD_STRUCT_DESC: Gravity drainage pipe of an unknown size or material through the levee, at a skew and at an unknown depth. Concrete discharge structure at the waterside (WS) end. Standpipe with gage house off the landside (LS) toe. No gage house found on the LS during inspection. [Additional Reference(s): DWR Levee Log, 2005]. FS Date: 5/6/2014

Photo 1 of 3: UCIP_FA_2019_52834_64463.jpg



View of waterward side.

Levee Inspection Report By Mile - Fall 2019

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Ash Slough	Left	2.04	10/02/2019 10/02/2019	Corey Fujitani

LM Start	0.31	Rating **	М	Issue No.		48 (cont)	
LM End	0.31	Issue Type +	En	Location *			
Category				GPS Latitude/Longitude			
Calegory		Start		End			
Item	DRAFT D	WR UCIP Fie	ld	37.0472	15 °	37.047245	0
пеш	Study	Study)3 °	-120.422403	0
DWR ID	21514						

Inspector Comment

Comment Code

DS_ID:21514 FS_ID:52834 EP_NO: N/A

Repair Type: Non-Urgent Crossing Status: Found

UCIP Comments: 05/06/2014 Need to contact owner to determine details of crossing and permit information authorizing crossing. Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure and appurtenances. (DWR UCIP - O. Magana)

FIELD_STRUCT_DESC: Gravity drainage pipe of an unknown size or material through the levee, at a skew and at an unknown depth. Concrete discharge structure at the waterside (WS) end. Standpipe with gage house off the landside (LS) toe. No gage house found on the LS during inspection. [Additional Reference(s): DWR Levee Log, 2005]. FS Date: 5/6/2014

LM Start	0.31	Rating **	М	Issue No.	48 (cont)
LM End	0.31	Issue Type +	En	Location *	



Locked box (unknown purpose) located on waterward side.



Dense vegetation on waterward slope.

* Location
LS: Land Side N/A: Not Applicable WS: Water Side CR: Crown

** Rating

A: Acceptable N: Not Inspected/Rated M: Minimally Acceptable C: Corrected Ob: Design & System Obsolescence
U: Unacceptable A/W: Acceptable but Monitor & Maintain

** Rating

A: Acceptable N: Not Inspected/Rated M: Ma: Maintenance Deficiency Ob: Design & System Obsolescence
C: Corrected Ob: Design & System Obsolescence
En: Enforcement

Levee Inspection Report By Mile - Fall 2019

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Ash Slough	Left	2.04	10/02/2019 10/02/2019	Corey Fujitani

LM Start	0.31	Rating **	M	Issue No.	13		
LM End	0.31	Issue Type +	Ма	Location *	LS		
Category Earthen Levee		GPS Latitude/Longitude					
Calegory				Start		End	
Slope Stability		37.0472	66°	37.047266°			
item				-120.4223	93 °	-120.422393 °	
DWR ID DWR_NA0011_02_f _ 2017_13							
Comment Code							

S3 : Repair the levee slope damaged by vehicle traffic and prevent access where possible.

Inspector Comment



Vehicle access to levee slope should be prevented and erosion repaired.

LM Start	0.32	Rating **	М	Issue No.		28	
LM End	0.32	Issue Type +	Ma	Location *		WS	
Catagory Earthen Levee			GPS Latitude/Longitude				
Category						End	
ltem Encroachments		37.047416°		37.047416°			
		-120.422142 °		-120.422142°			
DWR ID DWR_NA0011_02_f _ 2012_28							
Comment Code							

TR : Tree or limb

Inspector Comment

Remove the dead tree limbs from the waterside slope.

Photo 1 of 1 : FA_2019_NA0011_143_28_20190912_00020.jpg



Looking downstream at tree limbs on waterward slope and toe. (Spring 2018)

LM Start	0.33	Rating **	U	Issue No.	33		
LM End	0.42	Issue Type +	Ма	Location *		WS	
Category Earthen Levee		GPS Latitude/Longitude					
Category				Start		End	
Encroachments Item		37.0474	85 °	37.048403 °			
пеш				-120.4220	37°	-120.420810 °	
DWR ID DWR_NA0011_02_s _ 2017_33							
Comment Code							

TR: Tree or limb

Inspector Comment

Remove the dead fallen trees from the waterside slope.

Photo 1 of 1: FA_2019_NA0011_143_33_20190912_00024.jpg



Dead fallen trees on the waterside levee slope and shoulder.

* Location

LS : Land Side N/A : Not Applicable WS : Water Side

** Rating

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

N : Not Inspected/Rated C : Corrected

+ Issue Type
Ma : Mainte

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence

Levee Inspection Report By Mile - Fall 2019

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Ash Slough	Left	2.04	10/02/2019 10/02/2019	Corey Fujitani

LM Start	0.35	Rating **	M	Issue No.		14	
LM End	0.41	Issue Type +	Ма	Location *		WS	
Category	Earthen L	evee	GPS Latitude/Longitude				
Calegory				Start End			
Item	Trim / Thi	n Trees		37.0476	53°	37.048304°	
пеш				-120.4218	13°	-120.420967°	
DWR ID	DWR_NA0	A0011_02_f _ 2017_14					

Comment Code

T1 : Trim trees to at least five feet above ground level.

Inspector Comment

Waterside tree branches hanging over crown interfere with crown access and waterside visibility.

Photo 1 of 1: FA_2019_NA0011_143_14_20190912_00010.jpg



Looking downstream at untrimmed trees on waterward shoulder and slope. (Spring 2018)

LM Start	0.45	Rating **	М	Issue No.		11
LM End	0.53	Issue Type +	En	Location *		LS
Category	Category Earthen Levee			GPS Latitude/Longitude		
Calegory				Start		End
Item	Encroach	ments		37.0486	27°	37.049342°
пеш				-120.4203	57°	-120.419370°
DWR ID	DWR_NA0011_02_s _ 2012_11					

Comment Code

FE : Fence

Inspector Comment

Wire fence on the landside levee shoulder along with unwanted tall weed growth.

Photo 1 of 1: FA_2019_NA0011_143_11_20190912_00007.jpg



Fence on the landside slope.

LM Start	0.52	Rating **	M	Issue No.		35	
LM End	0.52	Issue Type +	Ma	Location *		WS	
Category	Earthen L	evee	GPS Latitude/Longitude/Lon			e/Longitude	
Calegory				Start		End	
Item	Trim / Thi	n Trees		37.0492	89°	37.049289	0
пеш				-120.4195	42 °	-120.419542	0
DWR ID	DWR_NA0	011_02_s _ 201	3_35				
		Comn	nent Cod	de			

T2: Thin trees to allow visibility of the ground and room to flood fight.

Inspector Comment

Trim tree off the slope.

No Photos

* Location	** Rating		+ Issue Type
LS : Land Side N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiency
WS: Water Side	M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence
CR : Crown	U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement

Levee Inspection Report By Mile - Fall 2019

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Ash Slough	Left	2.04	10/02/2019 10/02/2019	Corey Fujitani

LM Start	0.56	Rating **	М	Issue No.		16	
LM End	0.74	Issue Type +	Ma	Location *		CR	
Category	Earthen L	evee		GPS Latitude/Longitude			
Calegory				Start		End	
Item	Vegetation			37.0496	82°	37.051702	0
пеш				-120.4190	22 °	-120.417025	0
DWR ID	DWR_NA0	011_02_f _ 201	9_16				
		Comn	nent Cod	de			
V9 : Keep	the crown	roadway free	of veget	ation.			

Inspector Comment

No Photos

Issue No. Rating ** 0.56 Μ LM Start 15 0.56 Issue Type + Location * WS LM End Earthen Levee GPS Latitude/Longitude Category Start End Trim / Thin Trees 37.049723° 37.049723° Item -120.419026° -120.419026 ° DWR_NA0011_02_f _ 2017_15 DWR ID

No Photos

Comment Code

T2: Thin trees to allow visibility of the ground and room to flood fight.

Inspector Comment

Remove fallen trees and limbs from waterside slope.

	LM Start	0.93	Rating **	М	Issue No.		34	
	LM End	0.93	Issue Type +	Ma	Location *		WS	
	Category	Earthen L	GPS Latitude/Longitude					
Calegory					Start		End	
	Item	Encroachments			37.054407°		37.054407	٥
	пеш				-120.4159	28 °	-120.415928	0
	DWR ID	DWR_NA0	011_02_s _ 201	7_34				
			Comn	nent Cod	le			

TR: Tree or limb

Inspector Comment

Remove the prunings from the waterside slope.

Photo 1 of 1: FA_2019_NA0011_143_34_20190912_00025.jpg



Looking downstream at bush pile on waterward slope. (Spring 2018)

* Location LS: Land Side N/A: Not Applicable WS: Water Side

A : Acceptable M : Minimally Acceptable U : Unacceptable

N: Not Inspected/Rated C : Corrected

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence

A/W : Acceptable but Monitor & Maintain En: Enforcement

Levee Inspection Report By Mile - Fall 2019

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Ash Slough	Left	2.04	10/02/2019 10/02/2019	Corey Fujitani

LM Start	0.94	Rating **	М	Issue No.		49	
LM End	0.94	Issue Type +	En	Location *			
Category	Suppleme	ental		GPS Latitude/Longitude			
Category				Start End			
Item	DRAFT DWR UCIP Field		ld	37.0545	47°	37.054547°	
пеш	Study			-120.4158	26°	-120.415826°	
DWR ID	25043						
	Comment Code						

Inspector Comment

DS_ID:25043 FS_ID:52839 EP_NO: N/A

Repair Type: Non-Urgent Crossing Status: Found

UCIP Comments: 05/06/2014 Need to contact owner to determine status. Need permit authorizing work. (DWR UCIP - O. Magana) FIELD_STRUCT_DESC: 5-inch steel communications conduit along the downstream face of the bridge. The upstream face has a 2-inch pipe cut at the corner. This crossing was field discovered.

FS Date: 5/6/2014

LM Start	0.94	Rating **	М	Issue No.	49 (cont)
LM End	0.94	Issue Type +	En	Location *	

Photo 1 of 3 : UCIP_FA_2019_52839_71823.jpg



Conduit along face of bridge.

Photo 2 of 3: UCIP_FA_2019_52839_71822.jpg



View of steel conduit through levee and above channel.

Levee Inspection Report By Mile - Fall 2019

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Ash Slough	Left	2.04	10/02/2019 10/02/2019	Corey Fujitani

							_
LM Start	0.94	Rating **	М	Issue No.		49 (cont)	
LM End	0.94	Issue Type +	En	Location *			
Category			GPS Latitude/Longitude				
Calegory			Start		End		
Item	DRAFT DWR UCIP Field			37.05454	۱7°	37.054547	0
Study			-120.41582	26°	-120.415826	0	
DWR ID	25043						

Inspector Comment

Comment Code

DS_ID:25043 FS_ID:52839 EP_NO: N/A

Repair Type: Non-Urgent Crossing Status: Found

UCIP Comments: 05/06/2014 Need to contact owner to determine status. Need permit authorizing work. (DWR UCIP - O. Magana) FIELD_STRUCT_DESC: 5-inch steel communications conduit along the downstream face of the bridge. The upstream face has a 2-inch pipe

cut at the corner. This crossing was field discovered.

FS Date: 5/6/2014

Photo 3 of 3: UCIP_FA_2019_52839_71821.jpg



Overview of bridge.

	LM Start	0.98	Rating **	U	Issue No.		27	
	LM End	1.52	Issue Type +	Ma	Location *		WS	
	Category Earthen Levee Encroachments				GPS Latitude/Longitude			
					Start		End	
					37.05492	28°	37.058752°	
	Item			-120.4154	82 °	-120.407323°		
	DWR ID	DWR ID DWR_NA0011_02_s _ 2017_27						
	Comment Code							

TR: Tree or limb

Inspector Comment

Remove the dead trees from the waterside slope and shoulder.

Photo 1 of 2: FA_2019_NA0011_143_27_20190912_00018.jpg



Unit 2 Ash Slough Levee mile 0.98 waterside shoulder and slope.

Levee Inspection Report By Mile - Fall 2019

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Ash Slough	Left	2.04	10/02/2019 10/02/2019	Corey Fujitani

LM Start	0.98	Rating **	U	Issue No.		27 (cont)
LM End	1.52	Issue Type +	Ма	Location *		WS
Category Earthen Levee				GPS Latitude/Longitude		
				Start		End
Item	Encroachments				28°	37.058752°
пеш	item			-120.4154	82°	-120.407323 °
DWR ID	DWR ID DWR_NA0011_02_s _ 2017_27					
Comment Code						

TR: Tree or limb

Inspector Comment

Remove the dead trees from the waterside slope and shoulder.



Levee slope and shoulder looking upstream waterside levee section.

LM Start	1.10	Rating **	U	Issue No.		1	
LM End	1.19	Issue Type +	Ма	Location *			
Category	Suppleme	GPS Latitude/Longitude					
Category				Start		End	
ltom	DWR Erosion Survey			37.0555	96°	37.055596°	
пеш	Item				47 °	-120.412647°	
DWR ID NA0011U02RM2.57							
Comment Code							

Inspector Comment

Site ID: NA0011U02RM2.57

09/10/2019: No significant change observed.

09/20/2017: No significant change observed.

07/22/2016: No significant change observed.

09/08/2015: No significant change observed.

07/22/2014: No significant change observed.

08/30/2013: No significant change observed.

07/31/2012: Site was visited on 07/24/2012. No significant change observed. Dense vegetation around the site

08/09/2011: Site was inspected. No visible change was observed from the previous condition. A fallen tree was seen at the levee toe about 20 feet upstream, and tree root exposed. There has been no report from the district that this site was corrected.

11/30/2010: Site was not inspected due to time constraints. There have been no reports from the district that the site was corrected. Continue to monitor site during flood events.

08/05/2010: Recommended for annual assessment and monitoring during flood events, per CLRO.

2009: Site is recommended as a local maintenance issue, per Critical Levee Repair Office, Critical Erosion Sites Evaluation 2008 Report; site was previously rated "M"

9/6/2007: Undercutting of the toe; several trees along the WS slope with roots exposed.

Photo 1 of 3: SJR2019_NA0011U02RM2.57_2.jpg



View of the erosion site from the levee crest.

Levee Inspection Report By Mile - Fall 2019

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Ash Slough	Left	2.04	10/02/2019 10/02/2019	Corey Fujitani

LM Start	1.10	Rating **	U	Issue No.		1 (cont)
LM End	1.19	Issue Type +	Ма	Location *		
Category Supplemental				GPS Latitude/Longitude		
				Start		End
ltom	Item DWR Erosion Survey			37.0555	96 °	37.055596°
пеш				-120.4126	47°	-120.412647°
DWR ID	DWR ID NA0011U02RM2.57					
Comment Code						

Inspector Comment

Site ID: NA0011U02RM2.57

09/10/2019: No significant change observed.

09/20/2017: No significant change observed.

07/22/2016: No significant change observed.

09/08/2015: No significant change observed.

07/22/2014: No significant change observed.

08/30/2013: No significant change observed.

07/31/2012: Site was visited on 07/24/2012. No significant change observed. Dense vegetation around the site

08/09/2011: Site was inspected. No visible change was observed from the previous condition. A fallen tree was seen at the levee toe about 20 feet upstream, and tree root exposed. There has been no report from the district that this site was corrected.

11/30/2010: Site was not inspected due to time constraints. There have been no reports from the district that the site was corrected. Continue to monitor site during flood events.

08/05/2010: Recommended for annual assessment and monitoring during flood events, per CLRO.

2009: Site is recommended as a local maintenance issue, per Critical Levee Repair Office, Critical Erosion Sites Evaluation 2008 Report; site was previously rated "M"

9/6/2007: Undercutting of the toe; several trees along the WS slope with roots exposed.

LM Start	1.10	Rating **	U	Issue No.	1 (cont)
LM End	1.19	Issue Type +	Ma	Location *	

Photo 2 of 3: SJR2019_NA0011U02RM2.57_1.jpg



Close-up view of the site.

Photo 3 of 3: SJR2019_NA0011U02RM2.57_3.jpg



Close-up view of the site.

* Location
LS: Land Side N/A: Not Applicable WS: Water Side CR: Crown

** Rating

A: Acceptable N: Not Inspected/Rated M: Minimally Acceptable C: Corrected Ob: Design & System Obsolescence
U: Unacceptable A/W: Acceptable but Monitor & Maintain

** Rating

A: Acceptable N: Not Inspected/Rated M: Ma: Maintenance Deficiency Ob: Design & System Obsolescence
C: Corrected Ob: Design & System Obsolescence
En: Enforcement

Levee Inspection Report By Mile - Fall 2019

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Ash Slough	Left	2.04	10/02/2019 10/02/2019	Corey Fujitani

LM Start	1.10	Rating **	M	Issue No.		17	
LM End	1.13	Issue Type +	Ма	Location *		WS	
Category Earthen Levee				GPS Latitude/Longitude			
				Start		End	
Itom	Trim / Thin Trees			37.0554	37°	37.055533	0
Item			-120.4133	92 °	-120.412863	0	
DWR ID	DWR ID DWR_NA0011_02_f _ 2017_17						
Comment Code							

T1 : Trim trees to at least five feet above ground level.

Inspector Comment

Trim branches from waterside tree hanging low over the crown inhibiting crown access.

No Photos

LM Start	1.24	Rating **	М	Issue No.		18
LM End	1.24	Issue Type +	En	Location *		LS
Category	Earthen L	GPS Latitude/Longitude				
Calegory			Start		End	
Item	Encroach	ments		37.0562	26°	37.056226 °
item			-120.411066 °		-120.411066 °	
DWR ID	DWR NA0	011 02 f 201	7 18			

Comment Code

LI: Landscape Irrigation

Inspector Comment

Landowner removed most of the landscaping except for cactus and grapevines planted at landward toe.

LM Start	1.24	Rating **	М	Issue No.	18 (cont)
I M End	1.24	Issue Type +	En	Location *	LS



Grapevines, landscaping vegetation, and cactus. (Fall 2018)

Photo 2 of 3: FA_2019_NA0011_143_18_20190912_00012.jpg



Modify or remove existing landscaping to allow visibility and access.

* Location
LS: Land Side N/A: Not Applicable WS: Water Side CR: Crown

** Rating
A: Acceptable N: Not Inspected/Rated M: Ma: Maintenance Deficiency
C: Corrected Ob: Design & System Obsolescence
U: Unacceptable A/W: Acceptable but Monitor & Maintain

** Rating
A: Acceptable M: N: Not Inspected/Rated M: Ma: Maintenance Deficiency
Ob: Design & System Obsolescence
En: Enforcement

Levee Inspection Report By Mile - Fall 2019

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Ash Slough	Left	2.04	10/02/2019 10/02/2019	Corey Fujitani

LM Start	1.24	Rating **	М	Issue No.		18 (cont)		
LM End	1.24	Issue Type +	En	Location *	LS			
Category Earthen Levee				GPS Latitude/Longitude				
Category			Start		End			
Item	Encroach	ments		37.05622	6°	37.056226°		
пеш				-120.41106	6°	-120.411066 °		
DWR ID DWR_NA0011_02_f _ 2017_18								
	Comment Code							

LI: Landscape Irrigation

... =a..aeeapega..e..

Landowner removed most of the landscaping except for cactus and grapevines planted at landward toe.

Inspector Comment

Photo 3 of 3: FA_2019_NA0011_143_18_20190912_00013.jpg



Looking downstream at cactus on landward toe. (Spring 2018)

LM Start	1.51	Rating **	М	Issue No.		25		
LM End	1.52	Issue Type +	Ma	Location *		WS		
Catagory Earthen Levee				GPS Latitude/Longitude				
Category				Start		End		
Item	Trim / Thi	n Trees		37.0586	52°	37.058802°		
item			-120.4076	38°	-120.407350°			
DWR ID	DWR_NA0	011_02_s _ 201	2_25					

Comment Code

T4: Trim trees over roadway to at least 12 feet above ground level.

Inspector Comment

Trim the trees on the waterside slope levee miles 1.51-1.52.

Photo 1 of 1 : FA_2019_NA0011_143_25_20190912_00017.jpg



Looking downstream at untrimmed tree on waterward slope. (Spring 2018)

LM Start	1.52	Rating **	U	Issue No.	29			
LM End	1.62	Issue Type +	En	Location *	LS			
Category	Earthen L	evee		GPS La	atitud	e/Longitude		
Category	gory					End		
Item	Encroach	Encroachments)16°	37.058978 °		
item				-120.406754 °		-120.406847 °		
DWR ID	DWR_NA0	011_02_f _ 201	8_29					
		Comn	nent Cod	de				
LI : Landso	cape Irriga	tion						
, ,								
Inspector Comment								
Irrigation v	alves set i	nto levee slop	e and to	e.				

Photo 1 of 2 : FA_2019_NA0011_143_29_20190912_00021.jpg



Digging around valves recently occurred. Appears to be for maintenance of irrigation system. (Spring 2019)

* Location	** Rating		+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement

Levee Inspection Report By Mile - Fall 2019

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Ash Slough	Left	2.04	10/02/2019 10/02/2019	Corey Fujitani

LM Start	1.52	Rating **	U	Issue No.		20 (cont)		
LIVI Start	1.52	rating	U	133ue 140.		29 (cont)		
LM End	1.62	Issue Type +	En	Location *		LS		
Category	Earthen L	evee		GPS La	titud	le/Longitude		
Category				Start		End		
Item	Encroachi	ments		37.0590°	16°	37.058978°		
пеш				-120.406754°		-120.406847 °		
DWR ID DWR_NA0011_02_f _ 2018_29								
		Comn	nent Cod	de				
LI : Landso	cape Irriga	tion						
		Inspecto	or Comm	nent				
Irrigation valves set into levee slope and toe.								

Photo 2 of 2: FA_2019_NA0011_143_29_20190912_00022.jpg



Representative view of irrigation valve. (Fall 2018)

Levee Inspection Report By Mile - Fall 2019

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Ash Slough	Left	2.04	10/02/2019 10/02/2019	Corey Fujitani

LM Start	1.62	Rating **	М	Issue No.		50		
LM End	1.62	Issue Type +	En	Location *				
Category				GPS Latitude/Longitude				
Calegory	Category					End		
Item	DRAFT D	WR UCIP Fie	ld	37.0595	85 °	37.059585°		
пеш	Study			-120.4058	67°	-120.405867 °		
DWR ID	ID 25457							
	Comment Code							

Inspector Comment

DS_ID:25457 FS_ID:52842 EP_NO: N/A

Repair Type: Non-Urgent Crossing Status: Found

UCIP Comments: 7/14/2016 Repair in progress--According to LMA representative, Dario Dominguez, owner has repaired levee slope and compacted material per CVFPB's requirement (compaction tests have been performed). Need to confirm compaction tests were provided to DWR Inspector-Herman Phillips. (DWR UCIP - omagana)6/14/2016 Levee disturbed without prior authorization, it appears that the pipe owner did not notify CVFPB of the construction activity. Crossing was added to UCIP database. Spoke to Herman Phillips (DWR Levee Inspector) regarding unauthorized pipe installation along LS toe of U2. The LS toe of U2 (approximately 731 feet) was disturbed. DWR Inspector mentioned that Dario Dominguez with Madera County Flood Control, LMA representative, has sent the pipe owner notification of unauthorized excavation to replace existing pipe along U2 LS toe, dated May 5, 2016. After reviewing the timed aerial photographs (aerials) under Google Earth a new discovery was made regarding the extend of the area distrubed. Based on the aerials it appears that the new pipe system goes through U1 and U2 levees, across Ash Slough, and along LS toe of U2. The pipe through the levees and channel appears to tie into the work currently being done on the LS toe of U2. Both U1 and U2 levees appear to have been disturbed during 2014-2015. The aerials show that the crossing was not present in the aerial dated 4/5/2014. crossing was not present during the 2014 UCIP Inspection dated 5/6/2014, and the crossing was present in the aerial dated 3/18/2015. According to DWR Inspector, Dario Dominguez with Madera County Flood Control was notified of the addtional unauthorized encroachment issue (unauthorized work completed in 2014-2015 on both levees and the channel) that could be related to the trench work being completed by Mr. Sterling. (DWR UCIP - omagana)

FIELD_STRUCT_DESC: *ILLEGAL ENCROACHMENT* 10-inch to 12-inch irrigation siphon pipe of an unknown material through both levees and across the channel, at an unknown depth. The pipe starts on the landside (LS) toe of Unit 1 (U1) and continues across the channel and through the Unit 2 (U2) levee. The pipe then runs along the LS toe of U2 for approximately 731 feet. The pipe along the LS toe of U2 starts at 37.059237, -120.406025, and ends at 37.058462, -120.40791. This crossing was field discovered.

FS Date: 7/14/2016

Photo 1 of 3: UCIP_FA_2019_52842_75220.jpg



Assumed alignment of pipe through the levees and along LS toe of Unit 2. (Source: Google Earth, 3/18/2015)

Levee Inspection Report By Mile - Fall 2019

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Ash Slough	Left	2.04	10/02/2019 10/02/2019	Corey Fujitani

LM Start	1.62	Rating **	М	Issue No.		50 (cont)		
LM End	1.62	Issue Type +	En	Location *				
Category				GPS Latitude/Longitude				
Calegory	Category					End		
Item	DRAFT D	WR UCIP Fie	ld	37.05958	35 °	37.059585°		
пеш	Study			-120.40586	67°	-120.405867°		
DWR ID	25457							
	Comment Code							

Inspector Comment

DS ID:25457 FS ID:52842 EP NO: N/A

Repair Type: Non-Urgent Crossing Status: Found

UCIP Comments: 7/14/2016 Repair in progress--According to LMA representative, Dario Dominguez, owner has repaired levee slope and compacted material per CVFPB's requirement (compaction tests have been performed). Need to confirm compaction tests were provided to DWR Inspector-Herman Phillips. (DWR UCIP - omagana)6/14/2016 Levee disturbed without prior authorization, it appears that the pipe owner did not notify CVFPB of the construction activity. Crossing was added to UCIP database. Spoke to Herman Phillips (DWR Levee Inspector) regarding unauthorized pipe installation along LS toe of U2. The LS toe of U2 (approximately 731 feet) was disturbed. DWR Inspector mentioned that Dario Dominguez with Madera County Flood Control, LMA representative, has sent the pipe owner notification of unauthorized excavation to replace existing pipe along U2 LS toe, dated May 5, 2016. After reviewing the timed aerial photographs (aerials) under Google Earth a new discovery was made regarding the extend of the area distrubed. Based on the aerials it appears that the new pipe system goes through U1 and U2 levees, across Ash Slough, and along LS toe of U2. The pipe through the levees and channel appears to tie into the work currently being done on the LS toe of U2. Both U1 and U2 levees appear to have been disturbed during 2014-2015. The aerials show that the crossing was not present in the aerial dated 4/5/2014. crossing was not present during the 2014 UCIP Inspection dated 5/6/2014, and the crossing was present in the aerial dated 3/18/2015. According to DWR Inspector, Dario Dominguez with Madera County Flood Control was notified of the addtional unauthorized encroachment issue (unauthorized work completed in 2014-2015 on both levees and the channel) that could be related to the trench work being completed by Mr. Sterling. (DWR UCIP - omagana)

FIELD_STRUCT_DESC: *ILLEGAL ENCROACHMENT* 10-inch to 12inch irrigation siphon pipe of an unknown material through both levees and across the channel, at an unknown depth. The pipe starts on the landside (LS) toe of Unit 1 (U1) and continues across the channel and through the Unit 2 (U2) levee. The pipe then runs along the LS toe of U2 for approximately 731 feet. The pipe along the LS toe of U2 starts at 37.059237, -120.406025, and ends at 37.058462, -120.40791. This crossing was field discovered.

FS Date: 7/14/2016

Photo 2 of 3: UCIP_FA_2019_52842_75227.jpg



View of cut on LS slope of U2 at LM 1.49 (most downstream end of the open trench, photo 1 of 2).

Levee Inspection Report By Mile - Fall 2019

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Ash Slough	Left	2.04	10/02/2019 10/02/2019	Corey Fujitani

LM Start	1.62	Rating **	М	Issue No.	50 (cont)	
LM End	1.62	Issue Type +	En	Location *		
Category	Suppleme	GPS Latitude/Longitude				
Calegory		Start		End		
Item	DRAFT D	WR UCIP Fie	ld	37.05958	35 °	37.059585°
пеш	Study			-120.40586	67°	-120.405867°
DWR ID	25457					
Comment Code						

Inspector Comment

DS_ID:25457 FS_ID:52842 EP_NO: N/A

Repair Type: Non-Urgent Crossing Status: Found

UCIP Comments: 7/14/2016 Repair in progress--According to LMA representative, Dario Dominguez, owner has repaired levee slope and compacted material per CVFPB's requirement (compaction tests have been performed). Need to confirm compaction tests were provided to DWR Inspector-Herman Phillips. (DWR UCIP - omagana)6/14/2016 Levee disturbed without prior authorization, it appears that the pipe owner did not notify CVFPB of the construction activity. Crossing was added to UCIP database. Spoke to Herman Phillips (DWR Levee Inspector) regarding unauthorized pipe installation along LS toe of U2. The LS toe of U2 (approximately 731 feet) was disturbed. DWR Inspector mentioned that Dario Dominguez with Madera County Flood Control, LMA representative, has sent the pipe owner notification of unauthorized excavation to replace existing pipe along U2 LS toe, dated May 5, 2016. After reviewing the timed aerial photographs (aerials) under Google Earth a new discovery was made regarding the extend of the area distrubed. Based on the aerials it appears that the new pipe system goes through U1 and U2 levees, across Ash Slough, and along LS toe of U2. The pipe through the levees and channel appears to tie into the work currently being done on the LS toe of U2. Both U1 and U2 levees appear to have been disturbed during 2014-2015. The aerials show that the crossing was not present in the aerial dated 4/5/2014. crossing was not present during the 2014 UCIP Inspection dated 5/6/2014, and the crossing was present in the aerial dated 3/18/2015. According to DWR Inspector, Dario Dominguez with Madera County Flood Control was notified of the addtional unauthorized encroachment issue (unauthorized work completed in 2014-2015 on both levees and the channel) that could be related to the trench work being completed by Mr. Sterling. (DWR UCIP - omagana)

FIELD_STRUCT_DESC: *ILLEGAL ENCROACHMENT* 10-inch to 12-inch irrigation siphon pipe of an unknown material through both levees and across the channel, at an unknown depth. The pipe starts on the landside (LS) toe of Unit 1 (U1) and continues across the channel and through the Unit 2 (U2) levee. The pipe then runs along the LS toe of U2 for approximately 731 feet. The pipe along the LS toe of U2 starts at 37.059237, -120.406025, and ends at 37.058462, -120.40791. This crossing was field discovered.

FS Date: 7/14/2016

Photo 3 of 3: UCIP_FA_2019_52842_75224.jpg



Close-up view of cut on LS slope at U2 LM 1.49 (the most downstream end of open trench, photo 2 of 2)

Levee Inspection Report By Mile - Fall 2019

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Ash Slough	Left	2.04	10/02/2019 10/02/2019	Corey Fujitani

LM Start	1.62	Rating **	M	Issue No.		41	
LM End	1.62	Issue Type +	En	Location *		WS	
Category	Earthen L	evee		GPS La	atitud	e/Longitude	
Calegory		Start		End			
Item	Encroach	ments		37.059571 °		37.059571°	
item	item				370°	-120.405870 °	
DWR ID	DWR_NA0	011_02_s _ 201	9_41			·	
		Comn	nent Cod	de			
PR : Pruni	ngs						
	-						
	Inspector Comment						



Prunings for a burn pile left on waterside shoulder and slope of levee. (Spring 2019)

LM Start	1.65	Rating **	М	Issue No.	26		
LM End	1.93	Issue Type +	Ма	Location *		CR	
Category	Earthen L	GPS Latitude/Longitude					
Calegory				Start		End	
Item	Vegetation			37.0598	93°	37.062857°	
item				-120.4055	11 °	-120.402136 °	
DWR ID	DWR_NA0	011_02_s _ 201	9_26		·		
Comment Code							

V9: Keep the crown roadway free of vegetation.

Inspector Comment

No Photos

LM Start	2.00	Rating **	U	Issue No.		24			
LM End	2.00	Issue Type +	En	Location *		LS			
Category	Earthen L	evee		GPS La	atitud	e/Longitude			
Calegory				Start		End			
Item	Encroach	ments		37.0636	42°	37.063642°			
item				-120.401434 °		-120.401434°			
DWR ID	DWR ID DWR_NA0011_02_f _ 2017_24								
		Comn	nent Cod	de					
PR : Pruni	ngs								
	Inspector Comment								
Large prur	Large pruning/burn pile should be located away from levee toe.								
1									



View of prunings and trash piled along the landside levee toe. (Fall 2019)

* Location
LS: Land Side N/A: Not Applicable WS: Water Side CR: Crown

** Rating
A: Acceptable N: Not Inspected/Rated M: Ma: Maintenance Deficiency
C: Corrected Ob: Design & System Obsolescence
U: Unacceptable A/W: Acceptable but Monitor & Maintain

** Rating
A: Acceptable M: N: Not Inspected/Rated M: Ma: Maintenance Deficiency
Ob: Design & System Obsolescence
En: Enforcement

NA0011

Flood Control Project Maintenance Levee Inspections

Levee Inspection Report By Mile - Fall 2019

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Ash Slough	Left	2.04	10/02/2019 10/02/2019	Corey Fujitani

LM Start	2.00	Rating **	U	Issue No.		24 (cont)	
LM End	2.00	Issue Type +	En	Location *	LS		
Category	Earthen L	evee		GPS La	atitud	e/Longitude	
Category				Start		End	
Item	Encroach	ments		37.0636	42°	37.063642°	
пеш				-120.401434°		-120.401434°	
DWR ID	DWR_NA0	011_02_f _ 201	7_24				
		Comn	nent Cod	de			
PR : Pruni	ngs						
Inspector Comment							
Large pruning/burn pile should be located away from levee toe.							

Photo 2 of 2: FA_2019_NA0011_143_24_20190912_00016.jpg



Remove pruning pile to allow inspection and access to landside levee slope and toe.

LM Start	2.02	Rating **	М	Issue No.		51
LM End	2.02	Issue Type +	En	Location *		
Category	Catagoni				tituc	le/Longitude
Category	alegory					End
Item		WR UCIP Fie	ld	37.0639	82 °	37.063982°
пеш	Study			-120.4011	65 °	-120.401165°
DWR ID	25045					
Comment Code						

Inspector Comment

DS ID:25045 FS_ID:52844 EP_NO: N/A

Repair Type: Non-Urgent Crossing Status: Indicator Found

UCIP Comments: 05/06/2014 Need to contact owner to determine additional information about crossing and potential appurtenances. (DWR UCIP - O. Magana)

FIELD_STRUCT_DESC: *ABANDONED* 36-inch pipe of an unknown material or purpose through the levee, at an unknown depth. The pipe is filled with concrete. This crossing was field discovered. FS Date: 5/6/2014

Photo 1 of 3: UCIP_FA_2019_52844_71815.jpg



Standpipes visible on waterward side.

: Acceptable : Minimally Acceptable U : Unacceptable

N : Not Inspected/Rated

C : Corrected A/W : Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiency Ob : Design & System Obsolescence En: Enforcement

Levee Inspection Report By Mile - Fall 2019

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Ash Slough	Left	2.04	10/02/2019 10/02/2019	Corey Fujitani

LM Start	2.02	Rating **	М	Issue No.	51 (cont)		
LM End	2.02	Issue Type +	En	Location *			
Category	Suppleme	ental		GPS Latitude/Longitude			
Calegory	gory			Start		End	
Item		WR UCIP Fie	ld	37.06398	2 °	37.063982°	
пеш	Study			-120.40116	5 °	-120.401165°	
DWR ID	25045						
	Comment Code						

Inspector Comment

DS_ID:25045 FS_ID:52844 EP_NO: N/A

Repair Type: Non-Urgent Crossing Status: Indicator Found

UCIP Comments: 05/06/2014 Need to contact owner to determine additional information about crossing and potential appurtenances.

(DWR UCIP - O. Magana)

FIELD_STRUCT_DESC: *ABANDONED* 36-inch pipe of an unknown material or purpose through the levee, at an unknown depth. The pipe is filled with concrete. This crossing was field discovered.

FS Date: 5/6/2014

LM Start	2.02	Rating **	М	Issue No.	51 (cont)
LM End	2.02	Issue Type +	En	Location *	

Photo 2 of 3: UCIP_FA_2019_52844_71820.jpg



36-inch pipe full of concrete debris located on waterward side.

Photo 3 of 3: UCIP_FA_2019_52844_71819.jpg



View of waterward side.

Levee Inspection Report By Mile - Fall 2019

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Ash Slough	Left	2.04	10/02/2019 10/02/2019	Corey Fujitani

LM Start	2.03	Rating **	М	Issue No.		52
LM End	2.03	Issue Type +	En	Location *		
Category	Suppleme	ental		GPS La	titud	e/Longitude
Calegory			Start		End	
Item		WR UCIP Fie	ld	37.0640	87°	37.064087 °
пеш	Study			-120.4011	94 °	-120.401194°
DWR ID	25044					·

Comment Code

Inspector Comment

DS_ID:25044 FS_ID:52845 EP_NO: N/A

Repair Type: Non-Urgent Crossing Status: Found

UCIP Comments: 05/06/2014 Need to contact owner to determine

status. (DWR UCIP - O. Magana)

FIELD_STRUCT_DESC: 10-inch pipes located on waterside (WS). Unsure if these pipes go through the levee. These pipes were field

discovered. FS Date: 5/6/2014

LM Start	2.03	Rating **	М	Issue No.	52 (cont)
LM End	2.03	Issue Type +	En	Location *	

Photo 1 of 3: UCIP_FA_2019_52845_71809.jpg



Tall concrete standpipe visible on waterward side.

Photo 2 of 3: UCIP_FA_2019_52845_71808.jpg



Concrete standpipes visible on waterward side--dense vegetation on waterward side.

Levee Inspection Report By Mile - Fall 2019

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Ash Slough	Left	2.04	10/02/2019 10/02/2019	Corey Fujitani

LM Start	2.03	Rating **	М	Issue No.	52 (cont)		
LM End	2.03	Issue Type +	En	Location *			
Category	Suppleme	ental	GPS Latitude/Longitude				
Calegory			Start		End		
Item	DRAFT DWR UCIP Field		37.06408	87°	37.064087°		
пеш	Study			-120.40119)4 °	-120.401194°	
DWR ID	25044						
Comment Code							

Inspector Comment

DS_ID:25044 FS_ID:52845 EP_NO: N/A

Repair Type: Non-Urgent Crossing Status: Found

UCIP Comments: 05/06/2014 Need to contact owner to determine

status. (DWR UCIP - O. Magana)

FIELD_STRUCT_DESC: 10-inch pipes located on waterside (WS). Unsure if these pipes go through the levee. These pipes were field

discovered. FS Date: 5/6/2014



Inside view of 10-inch concrete standpipe.

Unit Cover Sheet

Fall 2019 Levee Inspection Results

Madera County FCWCA

Waterway	Bank	Unit Miles
Unit No. 03 Berenda Slough	Right	1.51

	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)			U	
Date of Inspection	5/9/2019 - 5/9/2019		10/2/2019 - 10/2/2019	
DWR Inspector	Corey Fujitani		Corey Fujitani	
Accompanied By	Dario Dominguez Madera County			

Summer & Winter Inspections

The Local Maintaining Agency (LMA) is responsible for summer and winter inspections. The LMA is required to submit a report regarding summer and winter inspections to the California Department of Water Resources (DWR).

DWR must be informed on the:

- a) completion of the inspection
- b) any changes other than the results of normal maintenance
- c) corrections to deficiencies noted in this report

If additional items are noted, further documentation of those items must also be submitted.

The LMA should submit this information to DWR using the LMA web application tool available at:

http://cdec.water.ca.gov/lma.html

If the LMA is unable to submit information on this webpage, please contact DWR for assistance.

The LMA should submit the information and any associated documentation by September 30 for summer inspections and March 31 for winter inspections.

Levee Inspection Report By Mile - Fall 2019

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Berenda Slough	Right	1.51	10/02/2019 10/02/2019	Corey Fujitani

LM Start	0.00	Rating **	М	Issue No.	36	
LM End	0.00	Issue Type +	En	Location *		
Category	Supplemental			GPS La	tituc	le/Longitude
Calegory			Start		End	
Item	DRAFT D	WR UCIP Fie	ld	36.9965	93 °	36.996593°
пеш	Study		-120.3736	36°	-120.373636 °	
DWR ID	21516					
Comment Code						

Inspector Comment

DS_ID:21516 FS_ID:52829 EP_NO: N/A

Repair Type: Non-Urgent Crossing Status: Found

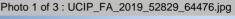
UCIP Comments: 05/06/2014 Unable to confirm if crossing is still being used. Need to contact owner to determine status of crossing. (DWR

UCIP - O. Magana)

FIELD_STRUCT_DESC: 18-inch steel irrigation discharge pipe through the levee, at an unknown depth. Slant pump on the waterside (WS) slope. The levee log indicates that the abandonment of the Chowchilla Canal Siphon was backfilled through the levee section. [Additional Reference(s): DWR Levee Log, 2005].

FS Date: 5/6/2014

LM Start	0.00	Rating **	М	Issue No.	36 (cont)
LM End	0.00	Issue Type +	En	Location *	





View of landward side.

Photo 2 of 3: UCIP_FA_2019_52829_64475.jpg



Close up of concrete standpipe and multiple positive closure devices.

Levee Inspection Report By Mile - Fall 2019

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Berenda Slough	Right	1.51	10/02/2019 10/02/2019	Corey Fujitani

LM Start	0.00 Rating **		М	Issue No.		36 (cont)	
LM End	0.00	Issue Type +	En	Location *			
Category	Suppleme	ental		GPS Lat	itud	e/Longitude	
Calegory				Start		End	
Item		WR UCIP Fie	ld	36.99659	3°	36.996593	0
item	Study		-120.37363	6°	-120.373636	0	
DWR ID	21516						

Inspector Comment

Comment Code

DS_ID:21516 FS_ID:52829 EP_NO: N/A

Repair Type: Non-Urgent Crossing Status: Found

UCIP Comments: 05/06/2014 Unable to confirm if crossing is still being used. Need to contact owner to determine status of crossing. (DWR

UCIP - O. Magana)

FIELD_STRUCT_DESC: 18-inch steel irrigation discharge pipe through the levee, at an unknown depth. Slant pump on the waterside (WS) slope. The levee log indicates that the abandonment of the Chowchilla Canal Siphon was backfilled through the levee section. [Additional Reference(s): DWR Levee Log, 2005].

FS Date: 5/6/2014



Canal located on landward side.

	LM Start	0.04	Rating **	U	Issue No.		19	
	LM End	1.51	Issue Type +	Ma	Location *		CR	
	Category	Earthen L	Earthen Levee			titud	le/Longitude	
			Start		End			
	Item	Vegetatio	Vegetation			43°	36.996602	0
	пеш				-120.3730	43°	-120.346627	0
	DWR ID	DWR_NA0	011_03_s _ 201	9_19				
			_	_				

Comment Code

V9: Keep the crown roadway free of vegetation.

Inspector Comment

Keep the crown roadway free of vegetation.

Photo 1 of 2: FA_2019_NA0011_144_19_20191009_00024.jpg



View along levee crown looking upstream. (Fall 2019)

Levee Inspection Report By Mile - Fall 2019

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Berenda Slough	Right	1.51	10/02/2019 10/02/2019	Corey Fujitani

LM Start	0.04	Rating **	U	Issue No.	19 (cont)			
LM End	1.51	Issue Type +	Ma	Location *	CR			
Category Earthen Levee				GPS Latitude/Longitude				
Calegory	alegory					End		
Item	Vegetatio		36.99654	3°	36.996602°			
item				-120.37304	3°	-120.346627°		
DWR ID DWR_NA0011_03_s _ 2019_19								
	Comment Code							

V9 : Keep the crown roadway free of vegetation.

Inspector Comment

Keep the crown roadway free of vegetation.

Photo 2 of 2: FA_2019_NA0011_144_19_20190912_00015.jpg



View of vegetation on levee crown looking upstream. (Spring 2019)

LM Start	0.04	Rating **	U	Issue No.		3	
LM End	1.51	Issue Type +	Ma	Location *		WS	
Category	evee	GPS Latitude/Longitude					
Calegory				Start		End	
Item	Vegetatio	n		36.9965	43°	36.996607°	
item				-120.3730	43°	-120.346570 °	
DWR ID	DWR ID DWR_NA0011_03_f _ 2019_3						

Comment Code

V1 : Control annual grass and weeds on the levee slopes and easements.

Inspector Comment



View of vegetation on waterside slope looking upstream. (Fall 2019)

	LM Start	0.04	Rating **	U	Issue No.		9	
	LM End	1.51	Issue Type +	Ma	Location *		LS	
	Category	Earthen L	evee	GPS Latitude/Longitude				
	Calegory				Start		End	
	Item	Vegetatio	n		36.9965	43°	36.996607	0
	пеш				-120.3730	43 °	-120.346570	0
ı	DWR ID	DWR NA0	011 03 f 201	9 9				

Comment Code

V1 : Control annual grass and weeds on the levee slopes and easements.

Inspector Comment



View of landside slope looking upstream. (Fall 2019)

* Location

LS : Land Side N/A : Not Applicable

WS : Water Side CR : Crown

** Rating

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

N : Not Inspected/Rated

C : Corrected

A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence

En : Enforcement

Levee Inspection Report By Mile - Fall 2019

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Berenda Slough	Right	1.51	10/02/2019 10/02/2019	Corey Fujitani

LM Start	0.05	Rating **	М	Issue No.		35		
LM End	0.05	Issue Type +	Ma	Location *		LS		
Category	Catagonia Earthen Levee					GPS Latitude/Longitude		
Calegory	Category					End		
Item	Trim / Thi	n Trees		36.99646	3°	36.996468	0	
пеш				-120.37290	2 °	-120.372902	0	
DWR ID	DWR_NA0011_03_f _ 2012_35							

Comment Code T4: Trim trees over roadway to at least 12 feet above ground level.

Inspector Comment

Tree drags against vehicles as they pass by. Remove overhanging tree limbs.

No Photos

0.05 Rating ** Issue No. М LM Start 28 0.05 Issue Type + Location * LS LM End Ma Earthen Levee GPS Latitude/Longitude Category Start End Encroachments 36.996442° 36.996442° Item -120.372848° -120.372848 ° DWR_NA0011_03_f _ 2014_28 DWR ID

Comment Code

TR: Tree or limb

Inspector Comment

Remove the dead tree from the landside slope.

No Photos

Rating ** Issue No. LM Start 0.06 18 0.06 Issue Type + Ma Location * LS LM End Earthen Levee GPS Latitude/Longitude Category Start End Trim / Thin Trees 36.996378° 36.996378° Item -120.372738° -120.372738° DWR ID DWR_NA0011_03_f _ 2014_18 Comment Code

T1: Trim trees to at least five feet above ground level.

Inspector Comment

Trim tree to five feet above the ground on the landside slope.

No Photos

* Location

N/A: Not Applicable LS: Land Side

WS: Water Side

A : Acceptable M : Minimally Acceptable

U : Unacceptable

N: Not Inspected/Rated

C : Corrected A/W : Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiency Ob : Design & System Obsolescence

En: Enforcement

NA0011

Flood Control Project Maintenance Levee Inspections

Levee Inspection Report By Mile - Fall 2019

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Berenda Slough	Right	1.51	10/02/2019 10/02/2019	Corey Fujitani

LM Start	0.08	Rating **	М	Issue No.		32
LM End	1.51	Issue Type +	Ma	Location *	CR	
Category	Earthen L	evee		GPS La	atitud	e/Longitude
Calegory				Start		End
Item		rface / Depres	ssions /	36.9962	64°	36.996613°
пеш	Rutting	Rutting			50°	-120.346570 °
DWR ID	DWR_NA0	011_03_s _ 201	4_32			
		Comn	nent Coo	de		
C3 : Add a	ppropriate	gravel or roa	d base.	Grade and	com	pact.
Inspector Comment						
Regrade th	ne crown fo	or proper drain	nage and	d add more	rock	to crown.

Photo 1 of 1 : FA_2019_NA0011_144_32_20190912_00017.jpg



Looking downstream at levee crown. (Spring 2018)

LM Start	0.08	Rating **	U	Issue No.		20	
LM End	0.08	Issue Type +	Ма	Location *		LS	
Category	Earthen L	evee		GPS Latitude/Longitude			
Calegory				Start		End	
Item	Encroach	ments		36.9962	04°	36.996201°	
пеш	-120.372352 ° -120.372345						
DWR ID	WR ID DWR_NA0011_03_s _ 2012_20						

Comment Code PR : Prunings

Inspector Comment

Remove the prunings from the landside slope.

Photo 1 of 1 : FA_2019_NA0011_144_20_20190912_00016.jpg



Looking at prunings on landward slope. (Spring 2018)

Levee Inspection Report By Mile - Fall 2019

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Berenda Slough	Right	1.51	10/02/2019 10/02/2019	Corey Fujitani

LM Start	0.10	Rating **	М	Issue No.		37	
LM End	0.10	Issue Type +	En	Location *			
Catagony	Category Supplemental				GPS Latitude/Longitude		
Calegory					Start		End
Item		WR UCIP Fie	ld	36.9961	77 °	36.996177	0
item	Study		-120.3719	67°	-120.371967	0	
DWR ID	21517						

Comment Code

Inspector Comment

DS_ID:21517 FS_ID:52832 EP_NO: N/A

Repair Type: Non-Urgent Crossing Status: Found

UCIP Comments: 05/06/2014 Need to contact owner to determine status of crossing. Unable to determine if crossing is in use. (DWR

UCIP - O. Magana)

FIELD_STRUCT_DESC: 36-inch corrugated metal gravity drainage pipe through the levee, 7.3 feet below the crown. Headwall and wing wall on each end. Flap gate on the waterside (WS) end. [Additional

Reference(s): DWR Levee Log, 2005].

FS Date: 5/6/2014

LM Start	0.10	Rating **	М	Issue No.	37 (cont)
LM End	0.10	Issue Type +	En	Location *	



View of waterward side.

Photo 2 of 3: UCIP_FA_2019_52832_69687.jpg



Debris screen visible on waterward headwall.

Levee Inspection Report By Mile - Fall 2019

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Berenda Slough	Right	1.51	10/02/2019 10/02/2019	Corey Fujitani

LM Start	0.10	Rating **	М	Issue No.		37 (cont)	
LM End	0.10	Issue Type +	En	Location *			
Category	Suppleme	ental		GPS La	titud	e/Longitude	
Calegory						End	
Item		WR UCIP Fie	ld	36.99617	77°	36.996177	0
пеш	Study			-120.37196	67°	-120.371967	0
DWR ID	21517						

Inspector Comment

Comment Code

DS_ID:21517 FS_ID:52832 EP_NO: N/A

Repair Type: Non-Urgent Crossing Status: Found

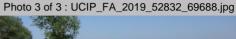
UCIP Comments: 05/06/2014 Need to contact owner to determine status of crossing. Unable to determine if crossing is in use. (DWR

UCIP - O. Magana)

FIELD_STRUCT_DESC: 36-inch corrugated metal gravity drainage pipe through the levee, 7.3 feet below the crown. Headwall and wing wall on each end. Flap gate on the waterside (WS) end. [Additional

Reference(s): DWR Levee Log, 2005].

FS Date: 5/6/2014





View of landward side.

LM Start	0.40	Rating **	U	Issue No.		6
LM End	1.51	Issue Type +	Ма	Location *		LS
Category	Earthen L	GPS Latitude/Longitude				
Calegory				Start		End
Item	Animal Co	ontrol		36.9962	08°	36.996607°
item			-120.3665	50°	-120.346568°	
DWR ID	DWR NA0	011 03 f 201	6 6			

Comment Code

A1: Exterminate rodents and backfill and compact or grout burrows.

Inspector Comment

LMA should install rodent bait stations placed along the landside slope and/or shoulder at from LM 0.40 to LM 1.51. Unable to see the levee slopes during Spring 2019 inspection however did observe rodents running across the roadway.

Photo 1 of 6: FA_2019_NA0011_144_6_20190912_00003.jpg



Looking at rodent hole on landward slope. (Spring 2018)

Location Ma : Maintenance Deficiency LS: Land Side N/A: Not Applicable Acceptable N: Not Inspected/Rated WS: Water Side Minimally Acceptable C : Corrected Ob : Design & System Obsolescence CR : Crown U : Unacceptable A/W : Acceptable but Monitor & Maintain En: Enforcement

Levee Inspection Report By Mile - Fall 2019

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Berenda Slough	Right	1.51	10/02/2019 10/02/2019	Corey Fujitani

LM Start	0.40	Rating **	U	Issue No.		6 (cont)	
LM End	1.51	Issue Type +	Ma	Location *		LS	
Category	Earthen L	rthen Levee			GPS Latitude/Longitude		
Calegory				Start		End	
Item	Animal Co	ontrol		36.99620	08°	36.996607°	
пеш				-120.3665	50°	-120.346568 °	
DWR ID	DWR_NA0	011_03_f _ 201	6_6			·	

Comment Code

A1: Exterminate rodents and backfill and compact or grout burrows.

Inspector Comment

LMA should install rodent bait stations placed along the landside slope and/or shoulder at from LM 0.40 to LM 1.51. Unable to see the levee slopes during Spring 2019 inspection however did observe rodents running across the roadway.

LM Start	0.40	Rating **	U	Issue No.	6 (cont)
LM End	1.51	Issue Type +	Ma	Location *	LS

Photo 2 of 6: FA_2019_NA0011_144_6_20190912_00004.jpg



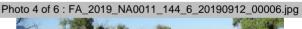
Looking at typical rodent holes within this section (Spring 2018)

Photo 3 of 6: FA_2019_NA0011_144_6_20190912_00005.jpg



Looking at rodent hole on landward slope. (Spring 2018)

LM Start	0.40	Rating **	U	Issue No.	6 (cont)
LM End	1.51	Issue Type +	Ma	Location *	LS





Continued rodent activity.

* Location
LS: Land Side N/A: Not Applicable WS: Water Side CR: Crown

** Rating
A: Acceptable N: Not Inspected/Rated M: Ma: Maintenance Deficiency
C: Corrected Ob: Design & System Obsolescence
U: Unacceptable A/W: Acceptable but Monitor & Maintain

** Rating
A: Acceptable M: N: Not Inspected/Rated M: Ma: Maintenance Deficiency
Ob: Design & System Obsolescence
En: Enforcement

Levee Inspection Report By Mile - Fall 2019

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Berenda Slough	Right	1.51	10/02/2019 10/02/2019	Corey Fujitani

LM Start	0.40	Rating **	U	Issue No.		6 (cont)	
LM End	1.51	Issue Type +	Ма	Location *		LS	
Category	Earthen L	arthen Levee			GPS Latitude/Longitude		
Calegory				Start		End	
Item	Animal Co	ontrol		36.99620	08°	36.996607°	
пеш				-120.36655	50°	-120.346568 °	
DWR ID	DWR_NA0	011_03_f _ 201	6_6				

Comment Code

A1: Exterminate rodents and backfill and compact or grout burrows.

Inspector Comment

LMA should install rodent bait stations placed along the landside slope and/or shoulder at from LM 0.40 to LM 1.51. Unable to see the levee slopes during Spring 2019 inspection however did observe rodents running across the roadway.

LM Start	0.40	Rating **	U	Issue No.	6 (cont)
LM End	1.51	Issue Type +	Ma	Location *	LS

Photo 5 of 6: FA_2019_NA0011_144_6_20190912_00007.jpg



More active rodent holes but no rodents observed at this specific location.

Photo 6 of 6: FA_2019_NA0011_144_6_20190912_00008.jpg



Berenda Slough Unit 3 landside shoulder and slope.

LM Start	0.45	Rating **	U	Issue No.	10		
LM End	0.45	Issue Type +	Ma	Location *	LS		
Category	Catagonia Earthen Levee			GPS La	atitud	le/Longitude	
Category		Start		End			
Item	Encroach	ments		36.9962	24°	36.996224°	
пеш				-120.3656	92 °	-120.365692 °	
DWR ID	DWR_NA0	011_03_f _ 201	8_10				
	Comment Code						

TR : Tree or limb

Inspector Comment

Remove the dead tree from the landside slope.

Photo 1 of 1 : FA_2019_NA0011_144_10_20190912_00010.jpg



View of dead tree on the landside slope. (Fall 2018)

* Location
LS: Land Side N/A: Not Applicable
WS: Water Side
CR: Crown

** Rating
A: Acceptable
N: Not Inspected/Rated
M: Minimally Acceptable
C: Corrected
D: Unacceptable
AW: Acceptable
AW: Acceptable but Monitor & Maintain

** Rating
A: Issue Type
Ma: Maintenance Deficiency
Ob: Design & System Obsolescence
En: Enforcement

Levee Inspection Report By Mile - Fall 2019

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Berenda Slough	Right	1.51	10/02/2019 10/02/2019	Corey Fujitani

LM Start	0.46	Rating **	U	Issue No.		5	
LM End	0.46	Issue Type +	Ма	Location *	CR		
Category Earthen Levee			GPS Latitude/Longitude				
Calegory				Start		CR	
Item	Animal Control			36.99623	88°	36.996238°	
пеш				-120.36556	33°	-120.365563 °	
DWR ID	DWR_NA0	011_03_s _ 201	8_5				

Comment Code

A3: No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.

Inspector Comment

There is a large rodent hole on the crown of the levee.

Photo 1 of 1: FA_2019_NA0011_144_5_20190912_00002.jpg



Looking at rodent hole on levee crown. (Spring 2018)

LM Start	0.71 Rating ** M		М	Issue No.		7	
LM End	1.51	Issue Type +	Ма	Location *	WS		
Category Earthen Levee			GPS Latitude/Longitude				
			Start		End		
Item	Animal Co	Animal Control			2°	36.996607	0
пеш				-120.36106	3°	-120.346568	0
DWR ID	DWR_NA0	011_03_f _ 201	6_7				

Comment Code

A1: Exterminate rodents and backfill and compact or grout burrows.

Inspector Comment

There should be bait stations placed along the levee to eradicate rodents.

No Photos

LM Start	0.71	Rating **	М	Issue No.		8		
LM End	1.51	Issue Type +	Ma	Location *		CR		
Category Earthen Levee				GPS Latitude/Longitude				
Calegory				Start End				
Item	Animal Co	ontrol		36.9962	57°	36.996607	0	
пеш				-120.3610	-120.361025° -120.346568°			
DWR ID	DWR NAO	011 03 f 201	6.8					

Comment Code

A1: Exterminate rodents and backfill and compact or grout burrows.

Inspector Comment

Exterminate rodents from the roadway. Active rodents observed during inspection at this site.

Photo 1 of 1: FA_2019_NA0011_144_8_20190912_00009.jpg



Berenda Slough Unit 3 looking upstream from levee miles 0.71 - to 1.51.

Location

N/A: Not Applicable LS: Land Side

WS: Water Side

: Acceptable : Minimally Acceptable U : Unacceptable

N : Not Inspected/Rated

C : Corrected A/W : Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiency Ob : Design & System Obsolescence

En: Enforcement

Levee Inspection Report By Mile - Fall 2019

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Berenda Slough	Right	1.51	10/02/2019 10/02/2019	Corey Fujitani

LM Start	1.04	Rating **	U	Issue No.		11	
LM End	1.05	Issue Type +	Ма	Location *		LS	
Category Earthen Levee				GPS Latitude/Longitude			
Calegory				Start		LS de/Longitude End 36.996610	
Item	Trim / Thi	n Trees		36.9966	13 °	36.996610°	
item				-120.3550	55 °	-120.354995°	
DWR ID DWR_NA0011_03_s _ 2012_11							
		_					

Comment Code

T1 : Trim trees to at least five feet above ground level.

Inspector Comment

Remove nut tree from the slope.



Walnut trees blocking the view of the landside levee section.

LM Start	1.07	Rating **	М	Issue No.		15		
LM End	1.12	Issue Type +	Ma	Location *	LS			
Category	Earthen L	evee		GPS La	titud	de/Longitude		
Category				Start	Start End			
Item	Trim / Thi	n Trees		36.9966	18°	36.996608°		
пеш				-120.354538 ° -120.353682				
DWR ID	DWR_NA0	011_03_s _ 201	2_15					

Comment Code

T1: Trim trees to at least five feet above ground level.

Inspector Comment

No Photos

LM Start	1.09	Rating **	U	Issue No.		14		
LM End	1.09	Issue Type +	Ma	Location *		WS		
Category Earthen Levee				GPS Latitude/Longitude				
Calegory				Start End				
Item	Trim / Thi	n Trees		36.9966	18°	36.996618	٥	
item				-120.3543	07°	36.996618°		
DWR ID	DWR NAO	011 03 s 201	7 14					

Comment Code

T2: Thin trees to allow visibility of the ground and room to flood fight.

Inspector Comment

Branches hanging over crown are beginning to obstruct access.



Looking at untrimmed tree on waterward shoulder. (Spring 2018)

* Location

LS: Land Side N/A: Not Applicable WS: Water Side CR: Crown

** Rating

A: Acceptable N: Not Inspected/Rated M: Minimally Acceptable C: Corrected Ob: Design & System Obsolescence

U: Unacceptable AW: Acceptable but Monitor & Maintain En: Enforcement

Levee Inspection Report By Mile - Fall 2019

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Berenda Slough	Right	1.51	10/02/2019 10/02/2019	Corey Fujitani

LM Start	1.24 Rating ** M		М	Issue No.		4	
LM End	1.25	Issue Type +	Ма	Location *		CR	
Category Earthen Levee				GPS Latitude/Longitude			
Calegory				Start End			
Item	Slope Sta	bility		36.9965	82°	36.996582°	
пеш				-120.351482 ° -120.351258			
DWR ID DWR_NA0011_03_f _ 2016_4					·		
	Comment Code						

S1: Repair slope instability.

Inspector Comment

Repair the slope instability and damaged shoulder at this location.

Photo 1 of 1 : FA_2019_NA0011_144_4_20190912_00001.jpg



Berenda Slough looking back upstream waterside at the shoulder and slope.

LM Start	1.24 Rating ** U			Issue No.	17			
LM End	1.29	Issue Type +	Ма	Location *	LS			
Category	Category Earthen Levee				GPS Latitude/Longitude			
Category				Start End				
Item	Trim / Thin Trees			36.9966	32°	36.996600°		
пеш				-120.351463 ° -120.350539				
DWR ID	DWR_NA0011_03_s _ 2012_17							
Comment Code								

T2 : Thin trees to allow visibility of the ground and room to flood fight.

Inspector Comment

Remove nut trees from the landside slope.

LM Start	1.24	Rating **	U	Issue No.	17 (cont)
LM End	1.29	Issue Type +	Ma	Location *	LS

Photo 1 of 2: FA_2019_NA0011_144_17_20190912_00013.jpg



Looking at cluster of walnut trees on landward slope. (Spring 2018)

Photo 2 of 2 : FA_2019_NA0011_144_17_20190912_00014.jpg



Looking upstream from landside slope tree has blocked view of the slope and shoulder.

* Location
LS: Land Side N/A: Not Applicable WS: Water Side CR: Crown

** Rating
A: Acceptable N: Not Inspected/Rated M: Ma: Maintenance Deficiency
C: Corrected Ob: Design & System Obsolescence
U: Unacceptable A/W: Acceptable but Monitor & Maintain

** Rating
A: Acceptable M: N: Not Inspected/Rated M: Ma: Maintenance Deficiency
Ob: Design & System Obsolescence
En: Enforcement

Unit Cover Sheet

Fall 2019 Levee Inspection Results

Madera County FCWCA

Waterway	Bank	Unit Miles
Unit No. 04 Berenda Slough	Left	2.28

	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)			U	
Date of Inspection	5/9/2019 - 5/9/2019		10/2/2019 - 10/2/2019	
DWR Inspector	Corey Fujitani		Corey Fujitani	
Accompanied By	Dario Dominguez Madera County			

Summer & Winter Inspections

The Local Maintaining Agency (LMA) is responsible for summer and winter inspections. The LMA is required to submit a report regarding summer and winter inspections to the California Department of Water Resources (DWR).

DWR must be informed on the:

- a) completion of the inspection
- b) any changes other than the results of normal maintenance
- c) corrections to deficiencies noted in this report

If additional items are noted, further documentation of those items must also be submitted.

The LMA should submit this information to DWR using the LMA web application tool available at:

http://cdec.water.ca.gov/lma.html

If the LMA is unable to submit information on this webpage, please contact DWR for assistance.

The LMA should submit the information and any associated documentation by September 30 for summer inspections and March 31 for winter inspections.

Levee Inspection Report By Mile - Fall 2019

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Berenda Slough	Left	2.28	10/02/2019 10/02/2019	Corey Fujitani

LM Start	0.01	Rating **	U	Issue No.		8		
LM End	1.49	Issue Type +	Ma	Location *		CR		
Category	Earthen L	evee		GPS La	atitud	e/Longitude		
Category				Start		End		
Item	Vegetatio	n		36.9955	03°	36.995580°		
item			-120.373417°		-120.346588 °			
DWR ID	DWR ID DWR_NA0011_04_s _ 2017_8							
		Comn	nent Cod	de				
V9 : Keep	the crown	roadway free	of veget	ation.				
		Inspecto	or Comm	nent				
Keep the c	Keep the crown roadway free of vegetation.							

Photo 1 of 2: FA_2019_NA0011_145_8_20191009_00033.jpg
- Andrew - A

Looking downstream from LM 1.49 at vegetation on levee crown. (Spring 2019)

 LM Start
 0.01
 Rating **
 U
 Issue No.
 8 (cont)

 LM End
 1.49
 Issue Type +
 Ma
 Location *
 CR

Photo 2 of 2: FA_2019_NA0011_145_8_20190912_00007.jpg



Looking downstream from LM 1.49 at vegetation on levee crown. (Spring 2019)

LM Start	0.02	Rating **	U	Issue No.		25	
LM End	1.60	Issue Type +	Ма	Location *		WS	
Category	Earthen L	evee		GPS La	atitud	e/Longitude	
Calegory				Start		End	
Item	Vegetatio	n		36.9955	04°	36.996217°	
пеш				-120.3732	34°	-120.344760 °	
DWR ID DWR_NA0011_04_f _ 2019_25							
		Comn	nent Cod	de			
V1 : Contre easements		rass and wee	eds on th	e levee slop	pes a	and	
Inspector Comment							



Looking downstream along the waterside slope. (Fall 2019)

Levee Inspection Report By Mile - Fall 2019

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Berenda Slough	Left	2.28	10/02/2019 10/02/2019	Corey Fujitani

LM Start	0.02	Rating **	U	Issue No.		5	
LM End	1.49	Issue Type +	Ма	Location *		LS	
Category	Earthen L	evee		GPS La	atitud	e/Longitude	
Category				Start		End	
Item	Vegetation			36.9955	04°	36.995582°	
пеш				-120.3732	33 °	-120.346586°	
DWR ID DWR_NA0011_04_f _ 2017_5							
		Comn	nent Cod	de			
V1 : Contreasements		rass and wee	ds on th	e levee slop	pes a	and	
Inspector Comment							

Location *

0.02

1.49

LM Start

LM End

Rating **

Issue Type +

			View of v	egetation along the
U	Issue No.	5 (cont)	Photo	o 2 of 2 : FA_2019_

LS



View of vegetation along the landside slope looking downstream. (Fall 2019)

Photo 2 of 2: FA_2019_NA0011_145_5_20190912_00005.jpg



View of wild growth on landside slope and shoulder. (Fall 2018)

LM Start	0.02	Rating **	U	Issue No.		3		
LM End	0.97	Issue Type +	Ма	Location *		LS		
Category	Earthen L	evee		GPS La	atitud	e/Longitude		
Category				Start		End		
Item	Slope Sta	bility		36.9955	606°	36.995550°		
пеш			-120.373233 °		-120.355935 °			
DWR ID	DWR_NA0	011_04_f _ 201	6_3					
		Comn	nent Cod	de				
S1 : Repai	S1 : Repair slope instability.							
Inspector Comment								
The slope in this area has been damaged by farm equipment.								



Berenda Slough Unit 4 Looking upstream from levee mile 0.14-0.97.

*Location

LS: Land Side N/A: Not Applicable WS: Water Side CR: Crown

**Rating

A: Acceptable N: Not Inspected/Rated M: Minimally Acceptable CR: C: Corrected U: Unacceptable A/W: Acceptable but Monitor & Maintain Enforcement

**Issue Type

Ma: Maintenance Deficiency
Ob: Design & System Obsolescence
En: Enforcement

Levee Inspection Report By Mile - Fall 2019

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Berenda Slough	Left	2.28	10/02/2019 10/02/2019	Corey Fujitani

LM Start	0.04	Rating **	М	Issue No.		20
LM End	0.06	Issue Type +	Ма	Location *		WS
Category Earthen Levee			GPS Latitude/Longitude			
				Start		End
Itom	Encroach	ments		36.995502°		36.995597°
Item				-120.3728	33°	-120.372391 °
DWR ID DWR_NA0011_04_f _ 2012_20						
Comment Code						

TR: Tree or limb

Inspector Comment

Remove the tree limbs from the waterside levee slope.

No Photos

LM Start	0.12	Rating **	U	Issue No.		19
LM End	0.94	Issue Type +	Ma	Location *		LS
Category	evee	GPS Latitude/Longitude				
Calegory			Start		End	
Item	Animal Control			36.9955	47°	36.995586°
nem				-120.3714	10°	-120.356589°
DWR ID	DWR NA0	011 04 s 201	8 19			

Comment Code

A3: No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.

Inspector Comment

Photo 1 of 1: FA_2019_NA0011_145_19_20190912_00020.jpg



Looking at large rodent hole on landward slope. (Spring 2018)

LM Start	0.14	Rating **	U	Issue No.		15	
LM End	0.14	Issue Type +	Ma	Location *		WS	
Category	Earthen L	evee		GPS La	titud	e/Longitude	
Calegory	zategory					End	
Item	Encroach	ments		36.9955	28°	36.995528	0
пеш				-120.3709	22 °	-120.370922	0
DWR ID	DWR NA0	011 04 f 201	5 15				

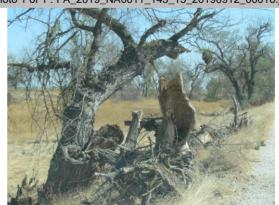
Comment Code

TR: Tree or limb

Inspector Comment

There are many dead trees in the area. Remove the dead trees from the levee section. Many more are subject to fall and possibly block access to the levee crown.

Photo 1 of 1: FA_2019_NA0011_145_15_20190912_00016.jpg



Berenda Slough looking upstream from the levee mile 0.14.

* Location

N/A: Not Applicable

LS: Land Side WS: Water Side

: Acceptable : Minimally Acceptable U : Unacceptable

N : Not Inspected/Rated C : Corrected

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence

A/W : Acceptable but Monitor & Maintain En: Enforcement

Levee Inspection Report By Mile - Fall 2019

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Berenda Slough	Left	2.28	10/02/2019 10/02/2019	Corey Fujitani

LM Start	0.22	Rating **	M	Issue No.		26	
LM End	0.22	Issue Type +	Ма	Location *		WS	
Category	Earthen Levee			GPS Latitude/Longitude			
Category			Start		End		
Item	Trim / Thin Trees			36.9955	33 °	36.995533	0
пеш				-120.3695	93 °	-120.369593	0
DWR ID DWR_NA0011_04_f _ 2019_26							
Comment Code							
T1 : Trim trans over readway to at least 12 feet above ground level							

T4: Trim trees over roadway to at least 12 feet above ground level.

Inspector Comment

Issue No. Rating ** 0.28 Μ 21 LM Start 0.28 Issue Type + Ма Location * WS LM End Earthen Levee GPS Latitude/Longitude Category Start End Encroachments 36.995564° 36.995564° Item -120.368540 ° -120.368540° DWR_NA0011_04_f _ 2012_21 DWR ID

Comment Code

TR: Tree or limb

Inspector Comment

Remove the discarded tree and branches from the levee slope.

LM Start	0.42	Rating **	М	Issue No.		9		
LM End	1.50	Issue Type +	Ма	Location *	CR			
Category	Earthen Levee			GPS Latitude/Longitude				
Calegory		Start		End				
Item	Crown Surface / Depressions /			36.99557	'2°	36.995613	0	
item	Rutting	-120.36598	80°	-120.346358	0			
DWR ID	DWR_NA0	011_04_s _ 201	7_9					
Comment Code								

C2: Repair depressions or ruts in the crown or slope.

Inspector Comment

No Photos

No Photos

No Photos

* Location LS : Land Side WS: Water Side

N/A: Not Applicable

A : Acceptable M : Minimally Acceptable U : Unacceptable

N : Not Inspected/Rated C : Corrected

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence

Levee Inspection Report By Mile - Fall 2019

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Berenda Slough	Left	2.28	10/02/2019 10/02/2019	Corey Fujitani

LM Start	0.44	Rating **	U	Issue No.		22
LM End	0.44	Issue Type +	Ма	Location *		LS
Category	Earthen L	evee		GPS La	tituc	e/Longitude
Calegory	Category					End
Itom	Item Erosion / Bank Caving			36.99556	60°	36.995560°
пеш				-120.3656	14°	-120.365614°
DWR ID	DWR_NA0	011_04_s _ 201	8_22			·

Comment Code

E2: Schedule repair of erosion site prior to the next inspection.

Inspector Comment

Someone dug a large hole on the landward slope next to the concrete riser. There is no visible pipe at the site.

LM Start	0.44	Rating **	U	Issue No.	22 (cont)
LM End	0.44	Issue Type +	Ма	Location *	LS



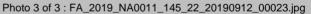
Looking west at large hole next concrete riser (no pipe) on landward slope. (Spring 2018)

Photo 2 of 3: FA_2019_NA0011_145_22_20190912_00022.jpg



Looking upstream at large hole on landward slope. (Spring 2018)

LM Start	0.44	Rating **	U	Issue No.	22 (cont)
LM End	0.44	Issue Type +	Ma	Location *	LS





Looking east at large hole next to riser (no pipe) on landward slope. (Spring 2018)

* Location

LS: Land Side N/A: Not Applicable WS: Water Side CR: Crown

** Rating

A: Acceptable N: Not Inspected/Rated C: Corrected M: Minimally Acceptable U: Unacceptable AW: Acceptable but Monitor & Maintain

** Rating

A: Acceptable N: Not Inspected/Rated Ma: Maintenance Deficiency Ob: Design & System Obsolescence En: Enforcement

NA0011

Flood Control Project Maintenance Levee Inspections

Levee Inspection Report By Mile - Fall 2019

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Berenda Slough	Left	2.28	10/02/2019 10/02/2019	Corey Fujitani

LM Start	0.47	Rating **	М	Issue No.		16	
LM End	0.47	Issue Type +	Ma	Location *	WS		
Category Earthen Levee				GPS La	atitud	e/Longitude	
Category			Start		End		
Item	Encroachments			36.9956	03°	36.995603°	
пеш				-120.364978 °		-120.364978 °	
DWR ID	DWR_NA0	011_04_s _ 201	4_16			·	
		Comn	nent Cod	de			
TR : Tree	or limb						
	Inspector Comment						
This dead	tree on the	waterward s	lope sho	uld be remo	oved	from the	

Photo 1 of 1: FA_2019_NA0011_145_16_20190912_00017.jpg



Tree on WS shoulder.

LM Start	0.54	Rating **	M	Issue No.		33
LM End	0.57	Issue Type +	Ma	Location *		WS
Category	evee	GPS Latitude/Longitude				
Category				Start		End
Item	Encroachments			36.9955	65°	36.995553°
item			-120.3637	79°	-120.363245°	
DWR ID	DWR_NA0	011_04_f _ 201	8_33			·

Comment Code

TR: Tree or limb

levee section.

Inspector Comment

No Photos

LM Start	0.62	Rating **	М	Issue No.		23		
LM End	0.62	Issue Type +	Ma	Location *		WS		
Category Earthen Levee				GPS Latitude/Longitude				
Calegory				Start		End		
Item	Trim / Thi	n Trees		36.9955	68°	36.995568	0	
пеш				-120.3623	55 °	-120.362355	0	
DWR ID	DWR_NA0	011_04_s _ 201	9_23					
		Comn	nent Coo	le				

T4: Trim trees over roadway to at least 12 feet above ground level.

Inspector Comment

No Photos

* Location

LS : Land Side N/A: Not Applicable

WS: Water Side

A : Acceptable M : Minimally Acceptable U : Unacceptable

A/W : Acceptable but Monitor & Maintain

N : Not Inspected/Rated C : Corrected

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence

En: Enforcement

Levee Inspection Report By Mile - Fall 2019

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Berenda Slough	Left	2.28	10/02/2019 10/02/2019	Corey Fujitani

LM Start	0.72	Rating **	М	Issue No.		32	
LM End	0.72	Issue Type +	Ma	Location *		WS	
Category	Earthen L	evee		GPS Latitude/Longitude			
Category			Start		End		
Item	Trim / Thin Trees				77°	36.995577°	
item				-120.360438°		-120.360438°	
DWR ID DWR_NA0011_04_f _ 2018_32							
		Comn	nent Cod	de			
T1: Trim t	rees to at I	east five feet	above g	round level			
		Inspecto	or Comm	nent			

Photo 1 of 1: FA_2019_NA0011_145_32_20190912_00028.jpg



Trim branches on waterside shoulder. (Fall 2018)

LM Start	0.75	Rating **	М	Issue No.		31
LM End	0.75	Issue Type +	Ма	Location *		WS
Category	evee	GPS Latitude/Longitude				
Calegory				Start		End
Item	Encroach	ments		36.9955	82°	36.995582°
item				-120.3600	28°	-120.360028°
DWR ID DWR_NA0011_04_f _ 2018_31						

Comment Code

TR: Tree or limb

Inspector Comment



Tree branches strewn across levee crown and both shoulders. (Fall 2018)

LM Start	0.78	Rating **	U	Issue No.		6		
LM End	0.78	Issue Type +	Ма	Location *	WS			
Category Earthen Levee			GPS La	atitud	e/Longitude			
Calegory				Start End				
Item	Encroach	Encroachments			82°	36.995582°		
item				-120.359451 °		-120.359451°		
DWR ID	DWR_NA0	011_04_s _ 201	9_6					
		Comn	nent Cod	de				
TR : Tree	or limb							
Inspector Comment								



View of fallen tree on waterside slope. (Spring 2019)

+ Issue Type Location Ma : Maintenance Deficiency Ob : Design & System Obsolescence LS: Land Side N/A: Not Applicable : Acceptable : Minimally Acceptable N: Not Inspected/Rated WS: Water Side C : Corrected A/W : Acceptable but Monitor & Maintain U : Unacceptable En: Enforcement

Levee Inspection Report By Mile - Fall 2019

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Berenda Slough	Left	2.28	10/02/2019 10/02/2019	Corey Fujitani

LM Start	0.94	Rating **	М	Issue No.		13	
LM End	0.94	Issue Type +	En	Location *		LS	
Category Earthen Levee			GPS La	atitud	le/Longitude		
Calegory	Category			Start		End	
Item	Encroach	Encroachments			71°	36.995571 °	
пеш			-120.356609°		-120.356609°		
DWR ID DWR_NA0011_04_f _ 2017_13							
		Comn	nent Cod	de			
RA : Ramp)						
		Inspecto	or Comm	nent			
There is no	There is no permit for the ramp on the landside slope.						

LM Start	0.94	Rating **	М	Issue No.	13 (cont)
LM End	0.94	Issue Type +	Fn	Location *	LS

Photo 1 of 2: FA_2019_NA0011_145_13_20190912_00013.jpg

Unpermitted ramp on LS slope.

Photo 2 of 2: FA_2019_NA0011_145_13_20190912_00014.jpg



Restore levee slope.

LM Start	0.94	Rating **	М	Issue No.		14	
LM End	0.94	Issue Type +	Ma	Location *		WS	
Category	Earthen Levee			GPS La	atituc	de/Longitude	
Calegory			Start		End		
ltem Encroachments			36.9955	73°	36.995573°		
item			-120.3566	01 °	-120.356601 °		
DWR ID	DWR_NA0011_04_f _ 2017_14						
		Comn	nent Cod	de			
TR : Tree	or limb						
		Inspecto	or Comm	nent			
Remove the downed tree from the waterside slope.							



Looking upstream at fallen tree on waterward slope. (Spring 2018)

* Location	** Rating		+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement

Levee Inspection Report By Mile - Fall 2019

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Berenda Slough	Left	2.28	10/02/2019 10/02/2019	Corey Fujitani

LM Start	1.01	Rating **	U	Issue No.	12		
LM End	1.01	Issue Type +	Ма	Location *		WS	
Category Earthen Levee				GPS La	atitud	le/Longitude	
Calegory				Start		End	
Item	Trim / Thi	n Trees		36.9955	37°	36.995537°	
item				-120.3552	61 °	-120.355261 °	
DWR ID	DWR_NA0011_04_f _ 2017_12						
	Comment Code						

T1: Trim trees to at least five feet above ground level.

Inspector Comment

Branches from waterside tree are blocking visibility of waterside slope and crown. Levee crown is nearly impassible.

Photo 1 of 1: FA_2019_NA0011_145_12_20190912_00012.jpg



Trim trees to at least 5' above levee slope and 12' above levee crown to allow inspection and access.

LM Start	1.13	Rating **	A/W	Issue No.		2		
LM End		Issue Type +	Ob	Location *				
Category		GPS La	atituc	de/Longitude				
Category				Start End				
Item	2017 Stor	m Damage		36.9955	80°		0	
пеш				-120.3530	80°		0	
DWR ID	12-2							
	Comment Code							

Inspector Comment

Levee Evaluation Comments

Description: Site ID No:28

Site Designation:12-2

Repair Type: Seepage

Rating: Field Date: Notes:

No Photos

Levee Inspection Report By Mile - Fall 2019

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Berenda Slough	Left	2.28	10/02/2019 10/02/2019	Corey Fujitani

				II.		
LM Start	1.19	Rating **	М	Issue No.		10
LM End	1.19	Issue Type +	Ma	Location *		WS
Category	Earthen L	evee		GPS La	atitud	e/Longitude
Category				Start		End
Item	Trim / Thi	n Trees		36.9955	666°	36.995566°
пеш			-120.352038 °		-120.352038°	
DWR ID	DWR_NA0	011_04_f _ 201	7_10			
		Comn	nent Cod	de		
T4 : Trim t	rees over i	oadway to at	least 12	feet above	grou	und level.
		Inspecto	or Comm	nent		



Looking upstream at tree on waterward slope. (Spring 2018)

LM Start	1.36	Rating **	М	Issue No.		18		
LM End	1.36	Issue Type +	Ma	Location *	WS			
Category Earthen Levee				GPS Latitude/Longitude				
Calegory	egory					End		
Item	Trim / Thi	n Trees		36.99559	93 °	36.995593°		
item				-120.34892	26°	-120.348926°		
DWR ID	DWR_NA0	011_04_s _ 201	8_18					
	Comment Code							

T1: Trim trees to at least five feet above ground level.

Inspector Comment

No Photos

LM Start	1.39	Rating **	М	Issue No.		7		
LM End	1.39	Issue Type +	Ma	Location *		WS		
Category Earthen Levee				GPS Latitude/Longitude				
Calegory				Start		End		
Item	Vegetatio	n		36.9955	76°	36.995576	0	
item				-120.3483	48 °	-120.348348	0	
DWR ID	DWR_NA0	011_04_f _ 201	7_7					
		Comn	nent Coc	de				

V4: Elderberries are blocking visibility and flood fight capability.

Inspector Comment

No Photos

* Location

N/A: Not Applicable

LS : Land Side WS: Water Side

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

N : Not Inspected/Rated C : Corrected

A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence

Levee Inspection Report By Mile - Fall 2019

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Berenda Slough	Left	2.28	10/02/2019 10/02/2019	Corey Fujitani

LM Start	1.50	Rating **	U	Issue No.		11
LM End	2.28	Issue Type +	Ма	Location *		LS
Category Earthen Levee				GPS La	tituc	le/Longitude
Calegory				Start		End
Item	Animal Co	ontrol		36.9955	90°	37.003740°
пеш				-120.3464	06°	-120.336877°
DWR ID	DWR_NA0	011_04_f _ 201	6_11			

Comment Code

A1: Exterminate rodents and backfill and compact or grout burrows.

Inspector Comment

Exterminate the rodents and backfill and compact the burrows or grout the burrows in this area.

LM Start	1.50	Rating **	U	Issue No.	11 (cont)
LM End	2.28	Issue Type +	Ma	Location *	LS

Photo 1 of 2: FA_2019_NA0011_145_11_20191009_00037.jpg



Several large rodent holes along this section of levee. (Fall 2019)

Photo 2 of 2: FA_2019_NA0011_145_11_20190912_00010.jpg



Large rodent holes along this section. (Fall 2018)

LM Start	1.50	Rating **	U	Issue No.		30
LM End	2.28	Issue Type +	Ма	Location *	WS	
Catagori Earthen Levee				GPS La	titud	e/Longitude
Category				Start		End
Item	Animal Co	ontrol		36.99559	0°	37.003740°
item				-120.34640	6°	-120.336877°
DWR ID	DWR_NA0	011_04_f _ 201	4_30			·

Comment Code

A1: Exterminate rodents and backfill and compact or grout burrows.

Inspector Comment

Bait stations are needed in the rodent infested area on the waterside slope and toe.

Photo 1 of 2: FA_2019_NA0011_145_30_20190912_00025.jpg



Several large rodent holes on waterside slope. (Fall 2018)

*Location
LS: Land Side N/A: Not Applicable
WS: Water Side
CR: Crown

** Rating
A: Acceptable N: Not Inspected/Rated
M: Minimally Acceptable
C: Corrected
M: Minimally Acceptable
U: Unacceptable
AW: Acceptable but Monitor & Maintain

** Issue Type
Ma: Maintenance Deficiency
Ob: Design & System Obsolescence
En: Enforcement

NA0011

Flood Control Project Maintenance Levee Inspections

Levee Inspection Report By Mile - Fall 2019

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Berenda Slough	Left	2.28	10/02/2019 10/02/2019	Corey Fujitani

LM Start	1.50	Rating **	U	Issue No. 30		30 (cont)		
LM End	2.28	Issue Type +	Ma	Location *		WS		
Category Earthen Levee				GPS Latitude/Longitude				
Calegory				Start		End		
Item	Animal Co	ontrol		36.995590°		37.003740°		
пеш			-120.346406 °		-120.336877 °			
DWR ID DWR_NA0011_04_f _ 2014_30								
	Comment Code							

A1: Exterminate rodents and backfill and compact or grout burrows.

Inspector Comment

Bait stations are needed in the rodent infested area on the waterside slope and toe.

Photo 2 of 2: FA_2019_NA0011_145_30_20190912_00026.jpg



View of rodent holes on the waterside slope.

LM Start	1.50	Rating **	U	Issue No.		60	
LM End	1.50	Issue Type +	En	Location *			
Category				GPS Latitude/Longitude			
Calegory				Start		End	
Item	DRAFT DWR UCIP Field			36.9955	97°	36.995597°	
пеш	Study			-120.3464	18°	-120.346418°	
DWR ID	25469						

Inspector Comment

Comment Code

DS_ID:25469 FS_ID:53154 EP_NO: N/A Repair Type: Urgent Crossing Status: Found

UCIP Comments: 10/31/2018 Same as last inspection with the exception of the size of the sink hole. Sink hole on LS slope has increased. Levee at this crossing is composed of highly erodible material. Need to coordinate with the pipe owner to determine repair status. Crossing remains Urgent due to the large sink hole present on the LS. (O. Magana - DWR UCIP)

07/14/2016 New entry added--pipe failure. Sink hole present on LS slope. Concrete headwall collapse visible on LS slope. Pipe buried on both WS and LS. (DWR UCIP - omagana)

FIELD STRUCT DESC: 24-inch (estimate measurement based on flap gate frame) gravity drainage pipe of an unknown material through the levee, approximately 5 feet below the crown. Concrete headwall on the landside (LS). Corrugated metal pipe (CMP) at the LS toe. Sluice gate on the waterside (WS). This crossing was field discovered.

FS Date: 10/31/2018 10:19:00 AM

Photo 1 of 3: UCIP_FA_2019_53154_75760.jpg



View of LS slope.

Levee Inspection Report By Mile - Fall 2019

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Berenda Slough	Left	2.28	10/02/2019 10/02/2019	Corey Fujitani

LM Start	1.50	Rating **	U	Issue No.		60 (cont)
LM End	1.50	Issue Type +	En	Location *		
Category			GPS La	titud	e/Longitude	
Calegory				Start		End
Item	DRAFT D	WR UCIP Fie	ld	36.9955	97°	36.995597°
пеш	Study			-120.3464	18°	-120.346418 °
DWR ID	25469					·

Comment Code

Inspector Comment

DS ID:25469 FS_ID:53154 EP_NO: N/A Repair Type: Urgent Crossing Status: Found

UCIP Comments: 10/31/2018 Same as last inspection with the exception of the size of the sink hole. Sink hole on LS slope has increased. Levee at this crossing is composed of highly erodible material. Need to coordinate with the pipe owner to determine repair status. Crossing remains Urgent due to the large sink hole present on the LS. (O. Magana - DWR UCIP)

07/14/2016 New entry added--pipe failure. Sink hole present on LS slope. Concrete headwall collapse visible on LS slope. Pipe buried on both WS and LS. (DWR UCIP - omagana)

FIELD_STRUCT_DESC: 24-inch (estimate measurement based on flap gate frame) gravity drainage pipe of an unknown material through the levee, approximately 5 feet below the crown. Concrete headwall on the landside (LS). Corrugated metal pipe (CMP) at the LS toe. Sluice gate on the waterside (WS). This crossing was field discovered.

FS Date: 10/31/2018 10:19:00 AM

LM Start	1.50	Rating **	U	Issue No.	60 (cont)
LM End	1.50	Issue Type +	En	Location *	

Photo 2 of 3: UCIP_FA_2019_53154_75761.jpg



Sink hole and concrete headwall damage is visible on LS.

Photo 3 of 3: UCIP_FA_2019_53154_75762.jpg



Sink hole located immediately above concrete headwall visible on LS.

Levee Inspection Report By Mile - Fall 2019

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Berenda Slough	Left	2.28	10/02/2019 10/02/2019	Corey Fujitani

LM Start	1.51	Rating **	M	Issue No.		56			
LM End	2.28	Issue Type +	En	Location *		WS			
Category Earthen Levee				GPS La	atitud	e/Longitude			
Category			Start		End				
Itom	Item Encroachments				15°	37.003441 °			
пеш					96°	-121.337349°			
DWR ID DWR_NA0011_04_s _ 2012_56									
		Comn	nent Cod	de					
FE : Fence)								
Inspector Comment									

Photo 1 of 1 : FA_2019_NA0011_145_56_20190912_00029.jpg



Fence within the 10-foot of levee toe. This enchroachment was recorded on 11-01-2012. Photo was taken 4-24-2014.

LM Start	1.60	Rating **	M	Issue No.		17		
LM End	1.60	Issue Type +	En	Location *	CR			
Category Earthen Levee			GPS La	atitud	le/Longitude			
Calegory				Start		End		
ltem Encroachments				36.9962	12°	36.996212°		
item				-120.344756 °		66° -120.344756°		
DWR ID	DWR_NA0	011_04_f _ 201	8_17					
		Comn	nent Cod	le				
FE : Fence)							
Inspector Comment								

Gate with combo lock. No permit associated with gate.

Photo 1 of 1 : FA_2019_NA0011_145_17_20190912_00018.jpg

Gate blocking access to levee. (Fall 2018)

LM Start	1.60	Rating **	М	Issue No.		24		
LM End	2.15	Issue Type +	Ма	Location *	WS			
Category Earthen Levee			GPS La	atituc	le/Longitude			
Odlogory				Start		End		
Item	Vegetatio	n	36.996217°		37.002347°			
пеш			-120.344760 °		-120.338538°			
DWR ID	DWR_NA0	011_04_f _ 201	9_24					
		Comn	nent Cod	le				
V1 : Control annual grass and weeds on the levee slopes and easements.								
	Inspector Comment							

No Photos

* Location	** Rating		+ Issue Type
LS : Land Side N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiency
WS: Water Side	M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence
CR : Crown	U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement

NA0011

Flood Control Project Maintenance Levee Inspections

Levee Inspection Report By Mile - Fall 2019

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Berenda Slough	Left	2.28	10/02/2019 10/02/2019	Corey Fujitani

ıde
nd
97002°
43977°
)

Comment Code

A1: Exterminate rodents and backfill and compact or grout burrows.

Inspector Comment

Exterminate rodents in this area.

LM Start	1.80	Rating **	М	Issue No.		29			
LM End	1.80	Issue Type +	Ma	Location *	CR				
Category	Earthen Levee			GPS Latitude/Longitude					
Calegory				Start		End			
Item	Animal Control			36.99844	19°	36.998449°			
ILEIII			-120.34251	16°	-120.342516°				
DWR ID DWR_NA0011_04_f _ 2018_29									
	Comment Code								

A3: No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.

Inspector Comment

No Photos

No Photos

LM Start	2.22	Rating **	М	Issue No.		27	
LM End	2.22	Issue Type +	Ma	Location *		WS	
Category	Earthen L	evee		GPS Latitude/Longitude			
Calegory				Start		End	
Trim / Thin Trees				37.0031	60°	37.003160	0
item				-120.3377	47°	-120.337747	0
DWR ID	DWR NAO	011 04 f 201	8 27				

Comment Code

T1: Trim trees to at least five feet above ground level.

Inspector Comment

Trim tree back away from crown and at least 5 feet above the levee slope.

Photo 1 of 1: FA_2019_NA0011_145_27_20190912_00024.jpg



Trim tree on waterside shoulder. (Fall 2018)

Page 15 of 15

* Location

LS : Land Side N/A: Not Applicable

WS: Water Side

A : Acceptable M : Minimally Acceptable U : Unacceptable

N : Not Inspected/Rated C : Corrected

A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence

En: Enforcement

Unit Cover Sheet

Fall 2019 Levee Inspection Results

Madera County FCWCA

Waterway	Bank	Unit Miles
Unit No. 05 Fresno River	Right	9.10

	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)			U	
Date of Inspection	5/10/2019 - 5/10/2019		10/3/2019 - 10/3/2019	
DWR Inspector	Corey Fujitani		Corey Fujitani	
Accompanied By	Dario Dominguez Madera County			

Summer & Winter Inspections

The Local Maintaining Agency (LMA) is responsible for summer and winter inspections. The LMA is required to submit a report regarding summer and winter inspections to the California Department of Water Resources (DWR).

DWR must be informed on the:

- a) completion of the inspection
- b) any changes other than the results of normal maintenance
- c) corrections to deficiencies noted in this report

If additional items are noted, further documentation of those items must also be submitted.

The LMA should submit this information to DWR using the LMA web application tool available at:

http://cdec.water.ca.gov/lma.html

If the LMA is unable to submit information on this webpage, please contact DWR for assistance.

The LMA should submit the information and any associated documentation by September 30 for summer inspections and March 31 for winter inspections.

Levee Inspection Report By Mile - Fall 2019

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Fresno River	Right	9.10	10/03/2019 10/03/2019	Corey Fujitani

LM Start	0.00	Rating **	M	Issue No.		14
LM End	4.05	Issue Type +	Ма	Location *	LS	
Category	evee	GPS Latitude/Longitude				
Calegory				Start		End
Item	Animal Control				20°	36.968168°
пеш			-120.36856	67°	-120.301035 °	
DWR ID	DWR_NA0	011_05_f _ 201	6_14			

A1: Exterminate rodents and backfill and compact or grout burrows.

Inspector Comment

Comment Code

Exterminate the rodents along the landside slope and toe throughout the area to levee mile 4.05. Bait stations are needed in infested areas.

Photo 1 of 1 : FA_2019_NA0011_146_14_20190912_00006.jpg



Rodent activity on landside slope.

LM Start	0.00	Rating **	М	Issue No.		13
LM End	4.05	Issue Type +	Ма	Location *		CR
Category	evee		GPS Latitude/Longitude			
Calegory				Start		End
Item		rface / Depres	ssions /	36.97854	18 °	36.968165°
пеш	Rutting		-120.3684	54°	-120.301151 °	
DWR ID	DWR_NA0	011_05_s _ 201	2_13			

Comment Code

C1 : Add appropriate material and re-grade the levee to bring the crown above the design elevation.

Inspector Comment

Regrade the crown for proper drainage. And add appropriate gravel or road base.

Photo 1 of 1: FA_2019_NA0011_146_13_20190912_00005.jpg



Looking downstream at levee crown from 0.00. (Spring 2018)

Photo 1 of 2: FA_2019_NA0011_146_7_20191009_00034.jpg

LM Start	0.01	Rating **	U	Issue No.		7	
LM End	4.06	Issue Type +	Ma	Location *		LS	
Category	Earthen L	evee		GPS Latitude/Longitude			
Calegory				Start		End	
Item	Vegetatio	n		36.9784	38°	36.968155	0
пеш				-120.3684	05 °	-120.300968	0
DWR ID	DWR NAO	011 05 f 201	9 7				

Comment Code

V1 : Control annual grass and weeds on the levee slopes and easements.

Inspector Comment



View of landside slope looking upstream. (Fall 2019)

* Location

LS : Land Side N/A : Not Applicable

WS: Water Side N/A: Not App CR: Crown ** Rating

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

N : Not Inspected/Rated

C : Corrected

A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence

En : Enforcement

Levee Inspection Report By Mile - Fall 2019

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Fresno River	Right	9.10	10/03/2019 10/03/2019	Corey Fujitani

LM Start	0.01	Rating **	U	Issue No.	7 (cont)			
LM End	4.06	Issue Type +	Ma	Location *	LS			
Category	Earthen L	evee		GPS La	atitud	e/Longitude		
Category				Start		End		
Item	Vegetation				38°	36.968155°		
item			-120.368405 °		-120.300968 °			
DWR ID	DWR_NA0	011_05_f _ 201	9_7					
		Comn	nent Cod	de				
V1 : Contro	ol annual g	rass and wee	ds on th	e levee slo	pes	and		
easements.								
Inspector Comment								



Looking downstream along the landside slope at LM 4.06. (Fall 2019)

LM Start	0.01	Rating **	U	Issue No.		8		
LM End	4.06	Issue Type +	Ma	Location *	WS			
Category	evee	GPS Latitude/Longitude						
Calegory	Category			Start		End		
Item	Vegetatio	n		36.9784	38°	36.968155°		
пеш				-120.3684	05 °	-120.300968 °		
DWR ID DWR_NA0011_05_f _ 2019_8								
Comment Code								

V1 : Control annual grass and weeds on the levee slopes and easements.

Inspector Comment

LM Start	0.01	Rating **	U	Issue No.	8 (cont)
LM End	4.06	Issue Type +	Ma	Location *	WS

Photo 1 of 2 : FA_2019_NA0011_146_8_20191009_00032.jpg



Looking downstream along waterside slope. (Fall 2019)

Photo 2 of 2: FA_2019_NA0011_146_8_20191009_00033.jpg



View of vegetation on waterside slope. (Fall 2019)

* Location

LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown

** Rating

A : Acceptable N : Not Inspected/Rated M : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement

** Rating

A : Acceptable C : Corrected Ob : Design & System Obsolescence En : Enforcement

Levee Inspection Report By Mile - Fall 2019

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Fresno River	Right	9.10	10/03/2019 10/03/2019	Corey Fujitani

LM Start	0.04	Rating **	M	Issue No.		15			
LM End	4.05	Issue Type +	En	Location *		LS			
Category	Earthen Levee			GPS La	atitud	e/Longitude			
Calegory				Start		End			
Item	Encroachi	ments		36.9785	04°	36.968175°			
пеш				-120.3678	-120.300996 °				
DWR ID DWR_NA0011_05_f _ 2017_15									
		Comn	nent Cod	de					
FE : Fence)								
		Inspecto	or Comm	nent					

No Photos

LM Start	0.04	Rating **	U	Issue No.		42
LM End	4.06	Issue Type +	Ma	Location *		CR
Category	Earthen L	evee		GPS Latitude/Longitude		
Calegory				Start		End
Item	Vegetatio	Vegetation			11°	36.968173°
пеш				-120.3677	58°	-120.300901 °
DWR ID DWR_NA0011_05_s _ 2019_42						
Comment Code						
	d			- C		

V9: Keep the crown roadway free of vegetation.

Inspector Comment

LM Start	0.04	Rating **	U	Issue No.	42 (cont)
I M End	4.06	Issue Type +	Ma	Location *	CR

Photo 1 of 2: FA_2019_NA0011_146_42_20191009_00038.jpg



Looking downstream along levee crown. (Fall 2019)

Photo 2 of 2 : FA_2019_NA0011_146_42_20190912_00019.jpg



View of levee crown looking downstream. (Spring 2019)

* Location

LS: Land Side N/A: Not Applicable WS: Water Side CR: Crown

** Rating

A: Acceptable N: Not Inspected/Rated M: Maintenance Deficiency

M: Minimally Acceptable C: Corrected Ob: Design & System Obsolescence

U: Unacceptable AW: Acceptable but Monitor & Maintain En: Enforcement

Levee Inspection Report By Mile - Fall 2019

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Fresno River	Right	9.10	10/03/2019 10/03/2019	Corey Fujitani

LM Start	0.18	Rating **	М	Issue No.	52		
LM End	0.18	Issue Type +	En	Location *			
Category			GPS Latitude/Longitude				
Category	egory		Start		End		
Item	DRAFT D	WR UCIP Fie	ld	36.9780	36°	36.978036°	
пеш	Study	у		-120.36524	46 °	-120.365246 °	
DWR ID	21520						
	Comment Code						

Inspector Comment

DS_ID:21520 FS_ID:52833 EP_NO: N/A

Repair Type: Non-Urgent Crossing Status: Found

UCIP Comments: 05/06/2014 Need to contact owner. Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the landward slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure. (DWR UCIP - O. Magana)

FIELD_STRUCT_DESC: 36-inch corrugated metal gravity drainage pipe through the levee, 10.8 feet below the crown. Headwall and wing wall on each end. Flap gate on the waterside (WS) end. [Additional Reference(s): DWR Levee Log, 2005].

FS Date: 5/6/2014





View of waterward side.

Photo 2 of 3: UCIP_FA_2019_52833_64566.jpg



View of flap gate and concrete headwall located on waterward side.

Levee Inspection Report By Mile - Fall 2019

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Fresno River	Right	9.10	10/03/2019 10/03/2019	Corey Fujitani

LM Start	0.18	Rating **	М	Issue No.		52 (cont)	
LM End	0.18	Issue Type +	En	Location *			
Category	Suppleme	ental		GPS Lat	itud	e/Longitude	
Calegory				Start		End	
Itom		WR UCIP Fie	ld	36.97803	6°	36.978036	0
пеш	Study			-120.36524	6°	-120.365246	0
DWR ID	21520						

Comment Code

Inspector Comment

DS_ID:21520 FS_ID:52833 EP_NO: N/A

Repair Type: Non-Urgent Crossing Status: Found

UCIP Comments: 05/06/2014 Need to contact owner. Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the landward slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure. (DWR UCIP - O. Magana)

FIELD_STRUCT_DESC: 36-inch corrugated metal gravity drainage pipe through the levee, 10.8 feet below the crown. Headwall and wing wall on each end. Flap gate on the waterside (WS) end. [Additional

Reference(s): DWR Levee Log, 2005].

FS Date: 5/6/2014

Photo 3 of 3: UCIP_FA_2019_52833_64565.jpg



View of landward side.

LM Start	1.34	Rating **	A/W	Issue No.		4	
LM End		Issue Type +	Ob	Location *			
Category	Suppleme	ental		GPS La	tituc	le/Longitude	
Calegory			Start		End		
Item	2017 Stor	m Damage		36.96786	60°		0
пеш	Item		-120.35003	30°		0	
DWR ID	27-4						

Comment Code

Inspector Comment

Levee Evaluation Comments

Description: Site ID No:34 Site Designation:27-4 Repair Type: Seepage

Rating: Field Date: Notes: No Photos

* Location	** Rating		+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement

Levee Inspection Report By Mile - Fall 2019

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Fresno River	Right	9.10	10/03/2019 10/03/2019	Corey Fujitani

LM Start	2.50	Rating **	М	Issue No.		19	
LM End	2.50	Issue Type +	Ма	Location *	WS		
Category	nannels &	GPS Latitude/Longitude					
Calegory	Designate	d Floodways		Start		End	
Item	Encroachi	ments		36.9679	90°	36.967990°	
пеш				-120.329131 °		31° -120.329131°	
DWR ID DWR_NA0011_05_s _ 2012_19							
		Comn	nent Cod	de			
		Inspecto	or Comm	nent			
Trash in channel.							

Photo 1 of 1: FA_2019_NA0011_146_19_20190912_00008.jpg

Looking west at garbage in channel. (Spring 2018)

LM Start	4.06	Rating **	М	Issue No.		43	
LM End	4.06	Issue Type +	En	Location *	WS		
Category	Earthen L	evee		GPS Latitude/Longitude			
Category	3 7					End	
Item	Encroachments			36.968177°		36.968177	, 0
пеш				-120.300834°		-120.300834	°
DWR ID	DWR_NA0	011_05_s _ 201	9_43				
		Comn	nent Cod	de			
PR : Prunings							

Inspector Comment



Pruning pile left on the waterside shoulder. (Spring 2019)

N: Not Inspected/Rated C: Corrected A/W: Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

Levee Inspection Report By Mile - Fall 2019

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Fresno River	Right	9.10	10/03/2019 10/03/2019	Corey Fujitani

LM Start	4.17	Rating **	A/W	Issue No.		5
LM End	4.20	Issue Type +	Ob	Location *		
Category	Suppleme	ental		GPS La	titud	le/Longitude
Calegory				Start		End
Item	2017 Stor	m Damage		36.96825	50°	36.968260
item			-		70°	-120.298310
DWR ID	27-102					

No Photos

Inspector Comment

Comment Code

Levee Evaluation Comments

Description: Site ID No:30

Site Designation:27-102 Repair Type: Seepage

Rating: Field Date: Notes:

LM Start	4.20	Rating **	С	Issue No.		21	
LM End	4.32	Issue Type +	Ma	Location *	LS		
Category Earthen Levee			GPS Latitude/Longitude				
Category				Start		End	
Item	Animal Co	ontrol		36.9681	35°	36.968202°	
пеш				-120.2983	55 °	-120.296210 °	
DWR ID	DWR_NA0	011_05_s _ 201	2_21				
	Comment Code						

No Photos

A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.

Inspector Comment

LS : Land Side N/A : Not Applicable WS : Water Side

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

N : Not Inspected/Rated C : Corrected

+ Issue Type

Ma : Maintenance Deficiency Ob : Design & System Obsolescence

Levee Inspection Report By Mile - Fall 2019

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Fresno River	Right	9.10	10/03/2019 10/03/2019	Corey Fujitani

LM Start	4.46	Rating **	С	Issue No.		23		
LM End	5.22	Issue Type +	Ma	Location *	WS			
Catagony	Category Earthen Levee				GPS Latitude/Longitude			
Calegory		Start		End				
Item	Animal Co	Animal Control			30°	36.968247	0	
пеш				-120.2936	65 °	-120.279957	0	
DWR ID	011_05_s _ 201	2_23						
	Comment Code							

A3: No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.

Inspector Comment

No Photos

Rating ** Issue No. A/W 4.76 LM Start 6 4.81 Issue Type + Location * LM End Supplemental GPS Latitude/Longitude Category Start End 2017 Storm Damage 36.968310° 36.968310° Item -120.288190 ° -120.287260 ° DWR ID 27-100

Comment Code

Inspector Comment

Levee Evaluation Comments

Description: Site ID No:29

Site Designation:27-100 Repair Type: Seepage

Rating: Field Date: Notes:

No Photos

A : Acceptable M : Minimally Acceptable

U : Unacceptable

N : Not Inspected/Rated C : Corrected

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence

NA0011

Flood Control Project Maintenance Levee Inspections

Levee Inspection Report By Mile - Fall 2019

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Fresno River	Right	9.10	10/03/2019 10/03/2019	Corey Fujitani

LM Start	5.36	Rating **	С	Issue No.		39		
LM End	5.36	Issue Type +	En	Location *		WS		
Category	Earthen L	evee		GPS La	atitud	e/Longitude		
Calegory				Start		End		
Item	Encroachi	ments		36.9682	° 80	36.968208	0	
пеш				-120.277399°		-120.277399	0	
DWR ID	DWR_NA0	011_05_f _ 201	8_39					
		Comn	nent Cod	de				
PR : Pruni	ngs							
		Inspecto	or Comm	nent				

No Photos

LM Start	5.56	Rating **	М	Issue No.		18	
LM End	5.56	Issue Type +	Ма	Location *		LS	
Category	Earthen Levee				GPS Latitude/Longitude		
Calegory				Start		End	
Item	Slope Sta	bility		36.9682	10°	36.968210°	
пеш				-120.2737	29°	-120.273729°	
DWR ID	DWR_NA0	011_05_f _ 201	7_18				

Comment Code

S3: Repair the levee slope damaged by vehicle traffic and prevent access where possible.

Inspector Comment

Repair damage from vehicle traffic on slope and shoulder.

LM Start	5.56	Rating **	М	Issue No.	18 (cont)
I M End	5.56	Issue Type +	Ma	Location *	LS

Photo 1 of 2: FA_2019_NA0011_146_18_20191009_00039.jpg



Damage to landside shoulder and slope looking upstream. (Fall 2019)

Photo 2 of 2 : FA_2019_NA0011_146_18_20190912_00007.jpg



Repair damage from vehicle traffic on slope and shoulder. (Fall 2017)

* Location
LS: Land Side N/A: Not Applicable WS: Water Side CR: Crown

** Rating
A: Acceptable N: Not Inspected/Rated M: Ma: Maintenance Deficiency
C: Corrected Ob: Design & System Obsolescence
U: Unacceptable A/W: Acceptable but Monitor & Maintain

** Rating
A: Acceptable M: N: Not Inspected/Rated M: Ma: Maintenance Deficiency
Ob: Design & System Obsolescence
En: Enforcement

Levee Inspection Report By Mile - Fall 2019

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Fresno River	Right	9.10	10/03/2019 10/03/2019	Corey Fujitani

LM Start	5.67	Rating **	М	Issue No.		38	
LM End	5.67	Issue Type +	Ма	Location *		WS	
Category	evee	GPS Latitude/Longitude					
Category				Start		End	
Item	Erosion / I	Bank Caving		36.9682	° 204	36.968204°	
пеш	-120.271707 ° -120.27170						
DWR ID	DWR ID DWR_NA0011_05_f _ 2018_38						
		Comn	nent Cod	de			
E2 : Scheo	dule repair	of erosion site	e prior to	the next in	spe	ction.	
		Inspecto	or Comm	nent			

LM Start	5.67	Rating **	М	Issue No.	38 (cont)
I M End	5.67	Issue Type +	Ma	Location *	WS



Erosion on waterside slope. (Fall 2019)

Photo 2 of 2: FA_2019_NA0011_146_38_20190912_00018.jpg



Finger erosion on waterside slope. (Fall 2018)

Levee Inspection Report By Mile - Fall 2019

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Fresno River	Right	9.10	10/03/2019 10/03/2019	Corey Fujitani

	1						
LM Start	5.73	Rating **	A/W	Issue No.		9	
LM End	5.75	Issue Type +	Ob	Location *			
Category	Suppleme	ental		GPS La	titud	le/Longitude	
Calegory				Start		End	
Item	2017 Stor	m Damage		36.96827	° o	36.968270	0
пеш				-120.27075	0°	-120.270320	0
DWR ID	27-106						

Comment Code

Inspector Comment

Levee Evaluation Comments

Description: Site ID No:31

Site Designation:27-106 Repair Type: Seepage

Rating: Field Date: Notes:

No Photos



View of landside slope erosion looking upstream. (Fall 2019)

LM Start	5.90	Rating **	М	Issue No.		17
LM End	5.90	Issue Type +	Ma	Location *		LS
Category	evee	GPS La	atitud	le/Longitude		
Category				Start		End
Item	Erosion / Bank Caving				05°	36.968205°
				-120.2675	62°	-120.267562 °
DWR ID	DWR_NA0	011_05_f _ 201	9_17			
		Comn	nent Cod	de		
E2 : Sched	dule repair	of erosion site	e prior to	the next in	spe	ction.
Inspector Comment						

* Location

LS: Land Side N/A: Not Applicable WS: Water Side

A : Acceptable M : Minimally Acceptable

U : Unacceptable

N: Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence En: Enforcement

Levee Inspection Report By Mile - Fall 2019

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Fresno River	Right	9.10	10/03/2019 10/03/2019	Corey Fujitani

LM Start	5.90	Rating **	М	Issue No.		17 (cont)	
LM End	5.90	Issue Type +	Ma	Location *		LS	
Category	evee	GPS La	atitud	e/Longitude			
Calegory				Start		End	
Item	Erosion / I	Bank Caving		36.9682	05 °	36.968205°	
item	-120.267562 ° -120.267						
DWR ID DWR_NA0011_05_f _ 2019_17							
		Comn	nent Cod	de			
E2 : Sched	lule repair	of erosion site	e prior to	the next in	spec	ction.	
		Inspecto	or Comm	nent			

Photo 2 of 2: FA_2019_NA0011_146_17_20191009_00042.jpg

View of erosion in landside slope. (Fall 2019)

LM Start	6.09	Rating **	С	Issue No.		31
LM End	6.09	Issue Type +	Ma	Location *	WS	
Category	evee	GPS Latitude/Longitude				
Calegory	Category			Start		End
Item	Encroach	ments		36.9681	78°	36.968178°
пеш				-120.2641	22 °	-120.264122 °
DWR ID	DWR_NA0	011_05_f _ 201	5_31			·

Comment Code

PR: Prunings

Inspector Comment

The prunings here need to be burned or removed from levee WS slope.

No Photos

LM Start	6.16	Rating **	М	Issue No.		20	
LM End	6.26	Issue Type +	Ma	Location *		WS	
Category	Earthen L	evee		GPS La	atitud	e/Longitude	
Calegory				Start		End	
Item	Vegetatio	n		36.9681	98°	36.968323	0
item				-120.2630	13°	-120.261192	0
DWR ID	DWR_NA0	011_05_f _ 201	9_20				
		Comn	nent Coc	ما			

Comment Code

V1: Control annual grass and weeds on the levee slopes and easements.

Inspector Comment

No Photos

* Location

LS: Land Side N/A: Not Applicable

WS: Water Side

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

N : Not Inspected/Rated C : Corrected

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence

A/W : Acceptable but Monitor & Maintain En: Enforcement

Levee Inspection Report By Mile - Fall 2019

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Fresno River	Right	9.10	10/03/2019 10/03/2019	Corey Fujitani

LM Start	6.30	Rating **	М	Issue No.		46
LM End	6.30	Issue Type +	Ma	Location *		WS
Category	evee		GPS La	atitud	e/Longitude	
Calegory			Start		End	
Item	Erosion / I	Bank Caving		36.9683	99°	36.968399°
item				-120.260433 °		-120.260433 °
DWR ID	DWR_NA0	011_05_s _ 201	9_46			
		Comn	nent Cod	de		
E2 : Sched	dule repair	of erosion site	e prior to	the next in	spec	ction.
		Inspecto	or Comm	nent		
Rills on waterside slope.						

Photo 1 of 1 : FA_2019_NA0011_146_46_20190912_00021.jpg



Rills observed on waterside slope. (Spring 2019)

LM Start	6.52	Rating **	A/W	Issue No.		37	
LM End	6.52	Issue Type +	Ма	Location *	LS		
Category Earthen Levee				GPS Latitude/Longitude			
Category				Start		End	
Item	Erosion /	Bank Caving		36.968575°		36.968575°	
пеш	-120					-120.256450 °	
DWR ID DWR_NA0011_05_f _ 2018_37							
Comment Code							

E1 : Note and monitor erosion site.

Inspector Comment

Photo 1 of 1 : FA_2019_NA0011_146_37_20190912_00017.jpg



Rill erosion on landside slope. (Fall 2018)

LM Start	6.57	Rating **	U	Issue No.		29	
LM End	6.57	Issue Type +	Ма	Location *		LS	
Catagonia Earthen Levee				GPS Latitude/Longitude			
Calegory	Category					End	
Item	Trim / Thi	n Trees		36.9684	77°	36.968477	0
пеш				-120.2555	57°	-120.255557	0
DWR ID	DWR NA0	011 05 f 201	9 29				

Comment Code

T2: Thin trees to allow visibility of the ground and room to flood fight.

Inspector Comment

Tree should be trimmed above the levee crown and 5 feet above the slope.



View of tree growing on landside slope looking upstream. (Fall 2019)

* Location

LS: Land Side N/A: Not Applicable WS: Water Side CR: Crown

** Rating

A: Acceptable N: Not Inspected/Rated M: Minimally Acceptable C: Corrected Ob: Design & System Obsolescence Cn: Crown

** Rating

A: Acceptable N: Not Inspected/Rated M: Maintenance Deficiency Ob: Design & System Obsolescence En: Enforcement

Levee Inspection Report By Mile - Fall 2019

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Fresno River	Right	9.10	10/03/2019 10/03/2019	Corey Fujitani

LM Start	6.58	Rating **	M	Issue No.		27	
LM End	9.07	Issue Type +	Ma	Location *	WS		
Category	Earthen L	evee		GPS La	titud	e/Longitude	
Calegory	Category			Start		End	
Item	Animal Co	ontrol		36.96852	25 °	36.973197	0
пеш				-120.25538	37°	-120.212085	0
DWR ID	DWR_NA0	011_05_f _ 201	6_27				

A1: Exterminate rodents and backfill and compact or grout burrows.

Inspector Comment

Comment Code

Exterminate the rodents in the area listed and place bait stations.

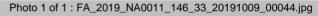
No Photos

LM Start	6.58	Rating **	U	Issue No.		33
LM End	7.70	Issue Type +	Ма	Location *		WS
Category	Earthen L	GPS Latitude/Longitude				
Calegory	alegory					End
Item	Vegetatio	n	36.96849	93 °	36.969800°	
item				-120.25532	22 °	-120.235388 °
DWR ID	DWR_NA0011_05_f _ 2019_33					

Comment Code

V1: Control annual grass and weeds on the levee slopes and easements.

Inspector Comment





View of waterside slope looking upstream. (Fall 2019)

Photo 1 of 1: FA_2019_NA0011_146_34_20191009_00045.jpg

LM Start	6.59	Rating **	U	Issue No. 34		34	
LM End	7.32	Issue Type +	Ma	Location *	LS		
Catagory Earthen Levee				GPS Latitude/Longitude			
Category	Category					End	
Item	Vegetatio	n		36.9685	05°	36.969523	٥
пеш				-120.2552	12°	-120.242212	0
DWR ID	D DWR NA0011 05 f 2019 34						Π

Comment Code

V1: Control annual grass and weeds on the levee slopes and easements.

Inspector Comment



View of vegetation along the landside slope looking upstream. (Fall 2019)

* Location

LS: Land Side

Monday, December 23, 2019 13:27

WS: Water Side CR : Crown

N/A: Not Applicable

: Acceptable : Minimally Acceptable U : Unacceptable

N: Not Inspected/Rated C : Corrected

A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence En: Enforcement

Levee Inspection Report By Mile - Fall 2019

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Fresno River	Right	9.10	10/03/2019 10/03/2019	Corey Fujitani

LM Start	6.63	Rating **	М	Issue No.		22
LM End	7.56	Issue Type +	Ма	Location *		CR
Category	Earthen L	evee		GPS La	atitud	e/Longitude
Category			Start		End	
Item		Crown Surface / Depressions /			68°	36.969552°
пеш	Rutting				42°	-120.237855 °
DWR ID	DWR_NA0	011_05_s _ 201	7_22			
		Comn	nent Coc	le		
C2 : Repai	ir depressi	ons or ruts in	the crow	n or slope.		
	Inspector Comment					
Repair rutt	ing and ac	d appropriate	gravel.			

No Photos

LM Start	6.75	Rating **	М	Issue No.		28
LM End	6.95	Issue Type +	Ма	Location *		LS
Category	Earthen L	GPS Latitude/Longitude				
Calegory	Category					End
Item	Animal Co	ontrol	36.9692	00°	36.969507°	
item				-120.2524	62°	-120.248893 °
DWR ID	DWR_NA0011_05_f _ 2016_28					

Comment Code

A1: Exterminate rodents and backfill and compact or grout burrows.

Inspector Comment

Exterminate the rodents in the area listed and place bait stations along the shoulder and/or slope.

Photo 1 of 1: FA_2019_NA0011_146_28_20190912_00013.jpg



Fresno River landside levee slope levee mile 6.75-6.95.

Levee Inspection Report By Mile - Fall 2019

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Fresno River	Right	9.10	10/03/2019 10/03/2019	Corey Fujitani

LM Start	6.87	Rating **	М	Issue No.		53
LM End	6.87	Issue Type +	En	Location *		
Catagony	Category Supplemental			GPS Latitude/Longitude		
Calegory				Start		End
Item		DRAFT DWR UCIP Field			20°	36.969520°
пеш	Study			-120.2503	11 °	-120.250311°
DWR ID	21527					·

Inspector Comment

Comment Code

DS_ID:21527 FS_ID:52859 EP_NO: N/A

Repair Type: Non-Urgent Crossing Status: Found

UCIP Comments: 05/06/2014 Need to contact owner. Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the waterward slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure and appurtenances. Slide gate buried on landward side. Recommend clearing sediment deposit on landward side. (DWR UCIP - O. Magana) FIELD_STRUCT_DESC: 30-inch corrugated metal gravity drainage pipe through the levee, 9.4 feet below the crown. Headwall and wing wall on each end. Flap gate on the waterside (WS) end. [Additional

Reference(s): DWR Levee Log, 2005].

FS Date: 5/6/2014

LM Start	6.87	Rating **	М	Issue No.	53 (cont)
LM End	6.87	Issue Type +	En	Location *	

Photo 1 of 3: UCIP_FA_2019_52859_69715.jpg



View of waterwar side.

Photo 2 of 3: UCIP_FA_2019_52859_69714.jpg



Concrete headwall covered by dense vegetation.

Levee Inspection Report By Mile - Fall 2019

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Fresno River	Right	9.10	10/03/2019 10/03/2019	Corey Fujitani

LM Start	6.87	Rating **	М	Issue No.		53 (cont)	
LM End	6.87	Issue Type +	En	Location *			
Category	Suppleme	ental		GPS Lat	itud	e/Longitude	
Category				Start		End	
Itom		WR UCIP Fie	ld	36.96952	0 °	36.969520	0
Item	Study			-120.25031	1 °	-120.250311	0
DWR ID	21527						

Inspector Comment

Comment Code

DS_ID:21527 FS_ID:52859 EP_NO: N/A

Repair Type: Non-Urgent Crossing Status: Found

UCIP Comments: 05/06/2014 Need to contact owner. Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the waterward slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure and appurtenances. Slide gate buried on landward side. Recommend clearing sediment deposit on landward side. (DWR UCIP - O. Magana) FIELD_STRUCT_DESC: 30-inch corrugated metal gravity drainage pipe through the levee, 9.4 feet below the crown. Headwall and wing wall on each end. Flap gate on the waterside (WS) end. [Additional

Reference(s): DWR Levee Log, 2005].

FS Date: 5/6/2014

Photo 3 of 3: UCIP_FA_2019_52859_69713.jpg
06 08 2014

View of landward side.

LM Start	6.98	Rating **	С	Issue No.		49		
LM End	7.52	Issue Type +	Ma	Location *	CR			
Category	Earthen L	evee		GPS La	atitud	e/Longitude		
Calegory				Start		End		
Item	Vegetatio	Vegetation			31 °	36.969546°		
пеш				-120.2483	61 °	-120.238528 °		
DWR ID	DWR_NA0	011_05_s _ 201						
Comment Code								

V9: Keep the crown roadway free of vegetation.

Inspector Comment

No Photos

* Location	** Rating		+ Issue Type
LS : Land Side N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiency
WS: Water Side	M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence
CR : Crown	U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement

NA0011

Flood Control Project Maintenance Levee Inspections

Levee Inspection Report By Mile - Fall 2019

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Fresno River	Right	9.10	10/03/2019 10/03/2019	Corey Fujitani

LM Start	7.21	Rating **	М	Issue No.	32		
LM End	7.21	Issue Type +	Ma	Location *	LS		
Category	Earthen L	evee		GPS La	atitud	e/Longitude	
Calegory			Start		End		
Item	Animal Co	ontrol		36.9695	39°	36.969539°	
пеш			-120.2441	42 °	-120.244142°		
DWR ID	DWR_NA0011_05_f _ 2018_32						
Comment Code							

A3: No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.

Inspector Comment

No Photos

LM Start	7.32	Rating **	М	Issue No.	36		
LM End	7.52	Issue Type +	Ma	Location *		LS	
	Earthen L	evee		GPS La	atitud	e/Longitude	
Category				Start		End	
ltom	Vegetatio	n		36.9695	25°	36.969567	0
Item				-120.2422	03°	-120.238567	0
DWR ID	DWR_NA0011_05_f _ 2019_36						
		_					

Comment Code

V1: Control annual grass and weeds on the levee slopes and easements.

Inspector Comment

No Photos

	LM Start	7.63	Rating **	М	Issue No.		30	
	LM End	7.63	Issue Type +	En	Location *		LS	
	Catagory	Earthen L	evee		GPS La	atitud	e/Longitude	
	Category				Start		End	
	Item	Encroach	ments		36.9695	50°	36.969550	0
пеш				-120.2366	70°	-120.236670	0	
	DWR ID	DWR NA0	011 05 f 201	8 30				

Comment Code

PR: Prunings

Inspector Comment

Prunings left on landside slope.

Photo 1 of 2: FA_2019_NA0011_146_30_20190912_00014.jpg



Pruning pile starting to accumulate on landside slope. (Spring 2019)

* Location + Issue Type Ma : Maintenance Deficiency
Ob : Design & System Obsolescence LS : Land Side N : Not Inspected/Rated N/A: Not Applicable A : Acceptable M : Minimally Acceptable WS: Water Side C : Corrected A/W : Acceptable but Monitor & Maintain U : Unacceptable En: Enforcement

Levee Inspection Report By Mile - Fall 2019

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Fresno River	Right	9.10	10/03/2019 10/03/2019	Corey Fujitani

LM Start	7.63	Rating **	М	Issue No.		30 (cont)		
LM End	7.63	Issue Type +	En	Location *	LS			
Category	Earthen L	evee		GPS La	atitud	le/Longitude		
Category			Start		End			
Item	Encroachi	ments		36.9695	50°	36.969550 °		
пеш				-120.236670 °		-120.236670 °		
DWR ID	DWR_NA0011_05_f _ 2018_30							
		Comn	nent Cod	de				
PR : Pruni	ngs							
			_					
		Inspecto	or Comm	nent				
Prunings I	eft on land	side slope.						

Photo 2 of 2 : FA_2019_NA0011_146_30_20190912_00015.jpg



Pruning piles on landside slope. (Fall 2018)

LM Start	7.66 Rating ** l		U	Issue No.		24	
LM End	7.66	Issue Type +	Ма	Location *		LS	
Catagory	Earthen L	evee		GPS La	atitud	e/Longitude	
Category				Start		End	
Item	Animal Co	ontrol		36.9696	06°	36.969606	0
item				-120.2360	91 °	-120.236091	0
DWR ID	DWR_NA0011_05_f _ 2018_24						

Comment Code

A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.

Inspector Comment

Rodent burrows and associated erosion due to rodent activity.



Rodent activity on landside slope. (Fall 2018)

LM Start	7.71	Rating **	M	Issue No.		40	
LM End	8.57	Issue Type +	Ma	Location *		WS	
Category Earthen Levee				GPS La	atitud	le/Longitude	
Calegory			Start		End		
Item	Vegetatio	n		36.9698	93°	36.972327	0
item				-120.2351	78°	-120.220862	0
DWR ID	DWR_NA0	011_05_f _ 201	9_40				

Comment Code

V1 : Control annual grass and weeds on the levee slopes and easements.

Inspector Comment

No Photos

* Location	** Rating		+ Issue Type
LS : Land Side N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiency
WS: Water Side	M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence
CR : Crown	U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement

Levee Inspection Report By Mile - Fall 2019

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Fresno River	Right	9.10	10/03/2019 10/03/2019	Corey Fujitani

LM Start	7.92	Rating **	М	Issue No.		16	
LM End	7.92	Issue Type +	Ma	Location *		CR	
Category	Earthen L	evee		GPS La	atitud	e/Longitude	
Calegory				Start		End	
Item		rface / Depres	ssions /	36.9716	37°	36.971637	0
пеш	Rutting			-120.232120		-120.232120	0
DWR ID	DWR_NA0	011_05_f _ 201	8_16				
		Comn	nent Cod	de			
C2 : Repai	ir depressi	ons or ruts in	the crow	n or slope.			
		Inspecto	or Comm	nent			

No Photos

LM Start	7.99	Rating **	U	Issue No.		12		
LM End	8.01	Issue Type +	Ma	Location *	LS			
Catagory	Category Earthen Levee				GPS Latitude/Longitude			
Calegory				Start		End		
Item	Animal Co	ontrol		36.97212	1°	36.972186	0	
пеш				-120.23099	4 °	-120.230772	0	
DWR ID	DWR_NA0	011_05_f _ 201	8_12					
		0		l -				

Comment Code

A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.

Inspector Comment

Large rodent burrow observed in this section.

Photo 1 of 1: FA_2019_NA0011_146_12_20190912_00004.jpg



Rodent activity on landside slope. (Fall 2018)

Levee Inspection Report By Mile - Fall 2019

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Fresno River	Right	9.10	10/03/2019 10/03/2019	Corey Fujitani

LM Start	8.09	Rating **	М	Issue No.		54	
LM End	8.09	Issue Type +	En	Location *			
Category	Category				tituc	le/Longitude	
Calegory				Start		End	
Item		WR UCIP Fie	ld	36.97241	5°	36.972415°	
пеш	Study			-120.22928	35 °	-120.229285 °	
DWR ID	21528						
	Comment Code						

Inspector Comment

DS_ID:21528 FS_ID:52863 EP_NO: N/A

Repair Type: Non-Urgent Crossing Status: Found

UCIP Comments: 05/06/2014 Need to contact owner. Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the waterward slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure and appurtenances. (DWR UCIP - O. Magana)

FIELD_STRUCT_DESC: 30-inch corrugated metal gravity drainage pipe through the levee, 8.3 feet below the crown. Headwall and wing wall on each end. Flap gate on the waterside (WS) end. [Additional

Reference(s): DWR Levee Log, 2005].

FS Date: 5/6/2014

LM Start	8.09	Rating **	М	Issue No.	54 (cont)
LM End	8.09	Issue Type +	En	Location *	



View of waterward side.

Photo 2 of 3: UCIP_FA_2019_52863_69721.jpg



Concrete headwall visible on waterward side and covered by dense vegetation.

Levee Inspection Report By Mile - Fall 2019

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Fresno River	Right	9.10	10/03/2019 10/03/2019	Corey Fujitani

LM Start	8.09	Rating **	М	Issue No.		54 (cont)
LM End	8.09	Issue Type +	En	Location *		
Category	Suppleme	ental		GPS La	atitud	e/Longitude
Calegory				Start		End
Item		WR UCIP Fie	ld	36.9724	15 °	36.972415°
пеш	Study			-120.229285 °		-120.229285 °
DWR ID 21528					·	

Inspector Comment

Comment Code

DS_ID:21528 FS_ID:52863 EP_NO: N/A

Repair Type: Non-Urgent Crossing Status: Found

UCIP Comments: 05/06/2014 Need to contact owner. Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the waterward slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure and appurtenances. (DWR UCIP - O. Magana)

FIELD_STRUCT_DESC: 30-inch corrugated metal gravity drainage pipe through the levee, 8.3 feet below the crown. Headwall and wing wall on each end. Flap gate on the waterside (WS) end. [Additional

Reference(s): DWR Levee Log, 2005].

FS Date: 5/6/2014

Photo 3 of 3: UCIP_FA_2019_52863_69720.jpg



Enter photo 5 description or comment here.

LM Start	8.36	Rating **	U	Issue No.		35	
LM End	8.41	Issue Type +	En	Location *	LS		
Category	Earthen L	evee		GPS Latitude/Longitude			
Calegory				Start		End	
Item	Encroach	ments		36.9729	37°	36.972947	0
item				-120.2244	57°	-120.223607	0
DWR ID	DWR_NA0	_NA0011_05_f _ 2015_35					
	Comment Code						

PR: Prunings

Inspector Comment

Move burnpile away from levee as it provides cover for burrowing rodents.

Photo 1 of 1: FA_2019_NA0011_146_35_20190912_00016.jpg



Burn pile on LS slope.

Levee Inspection Report By Mile - Fall 2019

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Fresno River	Right	9.10	10/03/2019 10/03/2019	Corey Fujitani

LM Start	8.40	Rating **	U	Issue No.		51		
LM End	8.40	Issue Type +	Ма	Location *		LS		
Category	evee	GPS Latitude/Longitude						
Calegory				Start		End		
Item	, Animal Control				53°	36.972953°		
item				-120.2238	39°	-120.223839°		
DWR ID DWR_NA0011_05_s _ 2019_51								

Comment Code

A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.

Inspector Comment

LM Start	8.40	Rating **	U	Issue No.	51 (cont)
LM End	8.40	Issue Type +	Ma	Location *	LS

Photo 1 of 2 : FA_2019_NA0011_146_51_20191009_00046.jpg



Several rodent holes observed at this location. (Fall 2019)

Photo 2 of 2: FA_2019_NA0011_146_51_20191009_00047.jpg



View of rodent burrow in landside slope. (Fall 2019)

LM Start	8.53	Rating **	М	Issue No.		25		
LM End	8.53	Issue Type +	En	Location *	LS			
Category Earthen Levee				GPS Latitude/Longitude				
Category			Start		End			
Itom	ltem Encroachments			36.97264	3°	36.972643°		
item				-120.22148	8°	-120.221488 °		
DWR ID	DWR_NA0011_05_f _ 2017_25							
Comment Code								

PI: Pipe

Inspector Comment

Possible sinkhole 10 feet from landside levee toe. 6 ft long by 1-2 ft wide by 5.5 ft deep. 55gal drum halves were placed in hole for safety. Met with Rick Cosyns (MID 559-232-0227) on site. Speculated that it was likely an underground pipe with collapsed backfill.

Photo 1 of 2: FA_2019_NA0011_146_25_20190912_00010.jpg



Possible sinkhole 10 feet from landside levee toe. 6 ft long by 1-2 ft wide by 5.5 ft deep. White 55gal drum halves were placed in hole for safety.

* Location	** Rating		+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement

Levee Inspection Report By Mile - Fall 2019

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Fresno River	Right	9.10	10/03/2019 10/03/2019	Corey Fujitani

LM Start	8.53	Rating **	М	Issue No.		25 (cont)	
LM End	8.53	Issue Type +	En	Location *	LS		
Cotogon Earthen Levee				GPS Latitude/Longitude			
Category			Start		End		
Itom	Encroachments			36.9726	43 °	36.972643 °	
Item				-120.2214	88 °	-120.221488 °	
DWR ID DWR_NA0011_05_f _ 2017_25							
Comment Code							

PI: Pipe

Inspector Comment

Possible sinkhole 10 feet from landside levee toe. 6 ft long by 1-2 ft wide by 5.5 ft deep. 55gal drum halves were placed in hole for safety. Met with Rick Cosyns (MID 559-232-0227) on site. Speculated that it was likely an underground pipe with collapsed backfill.

Photo 2 of 2 : FA_2019_NA0011_146_25_20190912_00011.jpg



Possible sinkhole 10 feet from landside levee toe. 6 ft long by 1-2 ft wide by 5.5 ft deep. White 55gal drum halves were placed in hole for safety.

LM Start	8.53	Rating **	М	Issue No.		26		
LM End	8.53	Issue Type +	En	Location *		LS		
Category	Earthen Levee				GPS Latitude/Longitude			
Calegory				Start		End		
Item	Encroachments			36.9726	16°	36.972606°		
item				-120.221415 °		-120.221389°		
DWR ID DWR_NA0011_05_f _ 2017_26								
		Comn	nent Cod	de				
EQ : Equip	ment							
Inspector Comment								
Concrete pipes at landward toe.								

Photo 1 of 1 : FA_2019_NA0011_146_26_20190912_00012.jpg



Looking upstream at concrete pipes stored at landward toe. (Spring 2018)

NA0011

Flood Control Project Maintenance Levee Inspections

Levee Inspection Report By Mile - Fall 2019

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Fresno River	Right	9.10	10/03/2019 10/03/2019	Corey Fujitani

LM Start	8.56	Rating **	М	Issue No.		11	
LM End	8.56	Issue Type +	En	Location *		LS	
Catagory	Earthen L	evee		GPS La	titud	le/Longitude	
Category				Start		End	
Vegetation			36.9723	84 °	36.972384°		
Item				-120.2209	07°	-120.220907 °	
DWR ID	/R ID DWR_NA0011_05_f _ 2018_11						
		Comn	nent Cod	de			
V6 : Lands	scaping						
		1	0	1			
		Inspecto	or Comm	nent			
Cactus planted on landside toe.							



Cactus on landside toe. (Fall 2018)

LM Start	8.57	Rating **	U	Issue No.		10	
LM End	8.57	Issue Type +	Ma	Location *		WS	
Earthen Levee				GPS Latitude/Longitude			
Category			Start		End		
ltom	ltem Vegetation			36.9723	55°	36.972355°	
пеш				-120.2208	78°	-120.220878°	
DWR ID DWR_NA0011_05_f _ 2018_10						·	
Comment Code							

V2 : Remove the wild growth other than native grasses from the levee slopes.

Inspector Comment

Cactus growing on waterside slope.

LM Start	8.57	Rating **	U	Issue No.	10 (cont)
LM End	8.57	Issue Type +	Ma	Location *	WS

Photo 1 of 2: FA_2019_NA0011_146_10_20190912_00001.jpg



Cactus growing on waterside shoulder. (Spring 2019)

Photo 2 of 2: FA_2019_NA0011_146_10_20190912_00002.jpg



Cactus on waterside slope. (Fall 2018)

* Location

LS: Land Side N/A: Not Applicable WS: Water Side CR: Crown

** Rating

A: Acceptable N: Not Inspected/Rated M: Maintenance Deficiency Ob: Design & System Obsolescence C: Corrected AW: Acceptable but Monitor & Maintain

** Rating

A: Acceptable C: Corrected Ob: Design & System Obsolescence En: Enforcement

Levee Inspection Report By Mile - Fall 2019

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Fresno River	Right	9.10	10/03/2019 10/03/2019	Corey Fujitani

LM Start	8.77	Rating **	M	Issue No.		41		
LM End	8.88	Issue Type +	Ма	Location *		WS		
Category	Earthen Levee			GPS La	atitud	e/Longitude		
Calegory				Start		End		
Item	Vegetatio	n		36.9722	28°	36.972653°		
пеш				-120.217422 °		-120.215403°		
DWR ID	DWR ID DWR_NA0011_05_f _ 2019_41							
		Comn	nent Cod	de				
V1 : Contro	ol annual g	rass and wee	ds on th	e levee slo	pes a	and		
easements	S.							
		Inspecto	or Comm	nent				

No Photos

Unit Cover Sheet

Fall 2019 Levee Inspection Results

Madera County FCWCA

Waterway	Bank	Unit Miles
Unit No. 06 Fresno River	Left	9.03

	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)			U	
Date of Inspection	5/10/2019 - 5/10/2019		10/3/2019 - 10/3/2019	
DWR Inspector	Corey Fujitani		Corey Fujitani	
Accompanied By	Dario Dominguez Madera County			

Summer & Winter Inspections

The Local Maintaining Agency (LMA) is responsible for summer and winter inspections. The LMA is required to submit a report regarding summer and winter inspections to the California Department of Water Resources (DWR).

DWR must be informed on the:

- a) completion of the inspection
- b) any changes other than the results of normal maintenance
- c) corrections to deficiencies noted in this report

If additional items are noted, further documentation of those items must also be submitted.

The LMA should submit this information to DWR using the LMA web application tool available at:

http://cdec.water.ca.gov/lma.html

If the LMA is unable to submit information on this webpage, please contact DWR for assistance.

The LMA should submit the information and any associated documentation by September 30 for summer inspections and March 31 for winter inspections.

Levee Inspection Report By Mile - Fall 2019

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 Fresno River	Left	9.03	10/03/2019 10/03/2019	Corey Fujitani

LM Start	0.00	Rating **	U	Issue No.		56		
LM End	2.48	Issue Type +	Ma	Location *		LS		
Category	Earthen L	evee		GPS La	atitud	e/Longitude		
Calegory				Start		End		
Item	Vegetation			36.9769	941°	36.967252°		
пеш	item				90°	-120.328265°		
DWR ID	DWR ID DWR_NA0011_06_f _ 2019_56							
		Comn	nent Cod	de				
	V1 : Control annual grass and weeds on the levee slopes and easements.							
Inspector Comment								

Photo 1 of 1: FA_2019_NA0011_147_56_20191009_00047.jpg



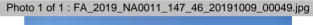
View of landside slope looking downstream. (Fall 2019)

LM Start	0.00	Rating **	U	Issue No.		46	
LM End	3.47	Issue Type +	Ма	Location *		WS	
Category Earthen Levee			GPS Latitude/Longitude				
				Start		End	
Item	Vegetation			36.9769	41 °	36.967393°	
item			-120.3674	90°	-120.310278°		
DWR ID DWR_NA0011_06_f _ 2019_46							
		_	. ^				

Comment Code

V1 : Control annual grass and weeds on the levee slopes and easements.

Inspector Comment





Vegetation along the waterside slope looking downstream. (Fall 2019)

LM Start	0.00	Rating **	U	Issue No.		54	
LM End	3.47	Issue Type +	Ma	Location *	CR		
Category Earthen Levee				GPS Latitude/Longitude			
Calegory	Category			Start		End	
Item	Vegetatio	n		36.97694	11 °	36.967393°	
item				-120.36749	90°	-120.310278°	
DWR ID DWR_NA0011_06_f _ 2019_54							
Comment Code							

V9: Keep the crown roadway free of vegetation.

Inspector Comment



View of vegetation along the levee crown looking downstream. (Fall 2019)

* Location

LS : Land Side N/A : Not Applicable

WS : Water Side

** Rating

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

N : Not Inspected/Rated C : Corrected

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence

Levee Inspection Report By Mile - Fall 2019

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 Fresno River	Left	9.03	10/03/2019 10/03/2019	Corey Fujitani

LM Start	0.01	Rating **	M	Issue No.		19
LM End	3.49	Issue Type +	Ма	Location *	LS	
Catagonia Earthen Levee			GPS Latitude/Longitude			
Calegory	Category			Start		End
Item	Animal Co	ontrol		36.97693	7°	36.967393°
пеш				-120.36730	8°	-120.310025°
DWR ID DWR_NA0011_06_f _ 2016_19						

Comment Code

A1: Exterminate rodents and backfill and compact or grout burrows.

Inspector Comment

Exterminate rodents and backfill burrows.

Issue No. Rating ** 0.04 М LM Start 13 0.93 Issue Type + Location * LS LM End Earthen Levee GPS Latitude/Longitude Category End Start Encroachments 36.976964° 36.969726° Item -120.366831 -120.354565° DWR_NA0011_06_f _ 2017_13 DWR ID Comment Code

FE : Fence

Inspector Comment

Barbed wire fence along the landside toe.

No Photos

No Photos

LM Start	0.44	Rating **	U	Issue No.		20	
LM End	0.44	Issue Type +	Ma	Location *		LS	
Catagory	Category Earthen Levee					e/Longitude	
Calegory				Start		End	
Item	Erosion /	Bank Caving		36.9750	30°	36.975014	0
пеш				-120.3603	82 °	-120.360401	0
DWR ID	DWR NA0	011 06 f 201	2 20				

Comment Code

E2 : Schedule repair of erosion site prior to the next inspection.

Inspector Comment

This erosion should be taken care of before it gets worse.

Photo 1 of 1 : FA_2019_NA0011_147_20_20190912_00005.jpg



Looking downstream at the old erosion site landside slope.

Page 2 of 33

* Location

LS : Land Side N/A : Not Applicable

WS : Water Side N/A : Not Applica

** Rating

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

N : Not Inspected/Rated

table C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence

En : Enforcement

Levee Inspection Report By Mile - Fall 2019

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 Fresno River	Left	9.03	10/03/2019 10/03/2019	Corey Fujitani

LM Start	0.64	Rating **	A/W	Issue No.		8	
LM End	0.71	Issue Type +	Ob	Location *			
Catagory	Suppleme	GPS Latitude/Longitude					
Category		Start		End			
ltom	2017 Storm Damage			36.97295	° 0	36.972240	0
Item				-120.35789	0°	-120.356830	0
DWR ID	28-4						

Comment Code

Inspector Comment

Levee Evaluation Comments

Description:
Site ID No:32
Site Designation:28-4
Repair Type: Seepage

Rating: Field Date: Notes:

LM Start	0.99	Rating **	U	Issue No.	85			
LM End	1.07	Issue Type +	En	Location *	LS			
Category	Earthen Levee			GPS Latitude/Longitude				
0 ,			Start		End			
Item	Encroachments			36.9689	30°	36.967985°		
item			-120.3542	92 °	-120.353510 °			
DWR ID	DWR_NA0	011_06_s _ 201	9_85					
Comment Code								

MA : Material

Inspector Comment

Soil material piled up on levee toe should be pushed back 10 feet from slope.

No Photos



View of soil encroachment piled along levee toe. (Spring 2019)

Levee Inspection Report By Mile - Fall 2019

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 Fresno River	Left	9.03	10/03/2019 10/03/2019	Corey Fujitani

LM Start	1.08	Rating **	U	Issue No.		1
LM End	1.14	Issue Type +	En	Location *	LS	
Category	Earthen L		GPS Latitude/Longitude			
Calegory			Start		End	
Item	Encroachments			36.9677	81 °	36.967395°
пеш				-120.3533	21 °	-120.352362 °
DWR ID	DWR_NA0011_06_s _ 2012_1					
		Comn	nent Cod	de		

DE : Debris

Inspector Comment

Large piles of broken up recycled sheet rock placed within 10-foot of the levee easement.

LM Start	1.08	Rating **	U	Issue No.	1 (cont)
LM End	1.14	Issue Type +	En	Location *	LS



Looking upstream at tanks and sheet rock piles at landward toe. (Spring

Photo 2 of 2: FA_2019_NA0011_147_1_20190912_00002.jpg



Recycle sheet rock piles within the landside easement.

	LM Start	1.14	Rating **	U	Issue No.	39		
	LM End	1.17	Issue Type +	En	Location *	LS		
	Category	Earthen L	GPS Latitude/Longitude					
					Start		End	
	Item	Encroachments			36.9673	87°	36.967270	0
	Item				-120.3523	40 °	-120.351902	0
	DWR ID	DWR_NA0	011_06_s _ 201	4_39				
			Comn	nent Coc	le			

TA: Tank

Inspector Comment

Metal storage tanks are within the easement of the landward toe. Move them away from the easement.

Photo 1 of 1: FA_2019_NA0011_147_39_20190912_00015.jpg



Fresno River landside levee mile 1.16.

* Location + Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence N/A: Not Applicable LS: Land Side : Acceptable : Minimally Acceptable N: Not Inspected/Rated WS: Water Side C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain En: Enforcement

Levee Inspection Report By Mile - Fall 2019

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 Fresno River	Left	9.03	10/03/2019 10/03/2019	Corey Fujitani

LM Start	1.14	Rating **	М	Issue No.		41		
LM End	1.19	Issue Type +	Ma	Location *		LS		
Category	Earthen Levee			GPS La	atitud	e/Longitude		
Calegory				Start		End		
Item	Slope Sta	Slope Stability			87°	36.967207°		
item				-120.3523	32°	-120.351590 °		
DWR ID	DWR ID DWR_NA0011_06_s _ 2013_41							
		Comn	nent Cod	de				
S1 : Repai	r slope ins	tability.						
		Inspecto	or Comm	nent				
Repair the	Repair the slope damaged by farm equipment.							

No Photos

Issue No. 1.15 Rating ** Μ LM Start 18 3.49 Issue Type + Location * WS LM End Earthen Levee GPS Latitude/Longitude Category Start End **Animal Control** 36.967360° 36.967393° Item -120.310025 ° -120.352243° DWR_NA0011_06_f _ 2017_18 DWR ID

Comment Code

A1: Exterminate rodents and backfill and compact or grout burrows.

Inspector Comment

No Photos

LM Start	1.15	Rating **	U	Issue No.		17			
LM End	1.15	Issue Type +	Ma	Location *		WS			
Category Earthen Levee				GPS Latitude/Longitude					
Category				Start		End			
Item	Slope Sta	bility		36.9673	34°	36.967334	0		
пеш				-120.3521	54°	-120.352154	0		
DWR ID	DWR NA0	011 06 f 201	7 17						

Comment Code

S1: Repair slope instability.

Inspector Comment

Observed slump possibly exacerbated by rodent activity. 20' long x 8' high x 18" deep into levee slope.

Photo 1 of 2 : FA_2019_NA0011_147_17_20190912_00003.jpg



Observed slump possibly exacerbated by rodent activity. 20' long x 8' high x 18" deep into levee slope.

*Location

LS: Land Side N/A: Not Applicable WS: Water Side CR: Crown

** Rating

A: Acceptable N: Not Inspected/Rated M: Maintenance Deficiency

M: Minimally Acceptable C: Corrected Ob: Design & System Obsolescence

U: Unacceptable AW: Acceptable but Monitor & Maintain En: Enforcement

Levee Inspection Report By Mile - Fall 2019

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 Fresno River	Left	9.03	10/03/2019 10/03/2019	Corey Fujitani

LM Start	1.15	Rating **	U	Issue No.		17 (cont)	
LM End	1.15	Issue Type +	Ма	Location *	WS		
Category	Earthen L		GPS Latitude/Longitude				
Calegory			Start		End		
Item	Slope Stability			36.967334°		36.967334°	
item			-120.352154°		-120.352154°		
DWR ID	DWR ID DWR_NA0011_06_f _ 2017_17						
		Comn	nent Cod	de			
S1 : Repai	r slope ins	tability.					
		Inspecto	or Comm	nent			
Observed slump possibly exacerbated by rodent activity. 20' long x 8' high x 18" deep into levee slope.							

Photo 2 of 2 : FA_2019_NA0011_147_17_20190912_00004.jpg

Observed slump possibly exacerbated by rodent activity. 20' long x 8' high x 18" deep into levee slope.

No Photos

LM Start	1.16	Rating **	A/W	Issue No.		9			
LM End		Issue Type +	Ob	Location *					
Category	Suppleme	GPS Latitude/Longitude							
				Start		End			
Item	2017 Storm Damage			36.96729	90°		0		
пеш				-120.35202	20°		0		
DWR ID	28-2								
	Comment Code								

Inspector Comment

Levee Evaluation Comments Description: Site ID No:27

Site Designation:28-2 Repair Type: Seepage

Rating: Field Date: Notes:

Levee Inspection Report By Mile - Fall 2019

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 Fresno River	Left	9.03	10/03/2019 10/03/2019	Corey Fujitani

1.27	Rating **	М	Issue No.		14		
6.56	Issue Type +	Ma	Location *		CR		
Earthen L	Earthen Levee			GPS Latitude/Longitude			
					End		
Crown Surface / Depressions /			36.9671	77 °	36.967992°		
Item Rutting				67°	-120.254517°		
DWR_NA0	011_06_s _ 201	7_14					
	Comn	nent Coc	de				
r depressi	ons or ruts in	the crow	n or slope.				
	Inspecto	or Comm	nent				
Repair the crown roadway of ruts and depressions regrade where needed							
	6.56 Earthen L Crown Su Rutting DWR_NAO	6.56 Issue Type + Earthen Levee Crown Surface / Depres Rutting DWR_NA0011_06_s _ 201 Comm r depressions or ruts in	6.56 Issue Type + Ma Earthen Levee Crown Surface / Depressions / Rutting DWR_NA0011_06_s _ 2017_14 Comment Coor depressions or ruts in the crow	6.56 Issue Type + Ma Location * Earthen Levee GPS La Start Crown Surface / Depressions / 36.9671 Rutting -120.3501 DWR_NA0011_06_s _ 2017_14 Comment Code r depressions or ruts in the crown or slope. Inspector Comment	6.56 Issue Type + Ma Location * Earthen Levee GPS Latitud Start Crown Surface / Depressions / 36.967177 ° Rutting -120.350167 ° DWR_NA0011_06_s _ 2017_14 Comment Code r depressions or ruts in the crown or slope. Inspector Comment		

No Photos

Rating ** Issue No. A/W 1.29 LM Start 10 Issue Type + Location * LM End Supplemental GPS Latitude/Longitude Category Start End 2017 Storm Damage 36.967150° Item -120.349800 ° DWR_NA0011_06_R_2012_01 DWR ID Comment Code

No Photos

Inspector Comment

Levee Evaluation Comments

Description: Site ID No:33

Site Designation: DWR_NA0011_06_R_2012_01

Repair Type: Seepage

Rating: Field Date: Notes:

Levee Inspection Report By Mile - Fall 2019

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 Fresno River	Left	9.03	10/03/2019 10/03/2019	Corey Fujitani

LM Start	3.39	Rating **	М	Issue No.		24	
LM End	3.39	Issue Type +	En	Location *		LS	
Category	Earthen L		GPS Latitude/Longitude				
Calegory			Start		End		
Item	Encroachments			36.9673	78°	36.967378°	
item				-120.311737 °		-120.311737°	
DWR ID DWR_NA0011_06_f _ 2017_24							
		Comn	nent Cod	de			
EQ : Equip	ment						
		Inspecto	or Comm	nent			
Remove la	rge pipe s	ections from t	oe of lev	ee.			

Photo 1 of 1: FA_2019_NA0011_147_24_20190912_00007.jpg



Pipe segments left at levee toe. (Fall 2018)

LM Start	3.47	Rating **	M	Issue No.		45
LM End	3.98	Issue Type +	Ма	Location *	WS	
Catagory	Earthen L	evee		GPS La	titud	e/Longitude
Category				Start		End
Item	Vegetatio	n		36.9673	93 °	36.967473°
item				-120.3102	78°	-120.301192°
DWR ID	D DWR_NA0011_06_f _ 2019_45					
		Comn	ant Car	ام		

Comment Code

V1: Control annual grass and weeds on the levee slopes and easements.

Inspector Comment

No Photos

	LM Start	3.49	Rating **	U	Issue No.		27	
	LM End	3.49	Issue Type +	Ma	Location *	LS		
	Category	Earthen L	evee		GPS La	atitud	e/Longitude	
					Start		End	
	Item	Slope Sta	bility		36.9673	93°	36.967393	0
					-120.3100	25 °	-120.310025	0
	DWR ID	DWR NAO	011 06 f 201	7 27				

Comment Code

S3: Repair the levee slope damaged by vehicle traffic and prevent access where possible.

Inspector Comment

Repair damage at toe due to ag equipment activity between power pole and levee.



Photo 1 of 1: FA_2019_NA0011_147_27_20190912_00008.jpg

Ag activity has cut into landside toe. Activity should be stopped and levee slope repaired.

* Location LS: Land Side WS: Water Side

N/A: Not Applicable

U : Unacceptable

A : Acceptable M : Minimally Acceptable

C : Corrected

N: Not Inspected/Rated

A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma: Maintenance Deficiency Ob : Design & System Obsolescence

En: Enforcement

Levee Inspection Report By Mile - Fall 2019

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 Fresno River	Left	9.03	10/03/2019 10/03/2019	Corey Fujitani

LM Start	3.99	Rating **	М	Issue No.		34			
LM End	3.99	Issue Type +	Ma	Location *	LS				
Category	Earthen Levee			GPS Latitude/Longitude					
Calegory				Start		End			
Item	Slope Sta	bility	36.9674	57°	36.967457	0			
пеш				-120.3010	31 °	-120.301031	0		
DWR ID DWR_NA0011_06_f _ 2017_34									
		Comn	nent Cod	de					
S3 : Repai access wh		slope damag lle.	ed by ve	ehicle traffic	and	d prevent			
		Inspecto	or Comm	nent					

No Photos

LM Start	3.99	Rating **	U	Issue No.	77		
LM End	5.48	Issue Type +	En	Location *	LS		
Category	Earthen L	evee		GPS La	titud	e/Longitude	
Calegory				Start		End	
Item	Encroach	ments		36.9674	39°	36.967487°	
пеш				-120.3009	74°	-120.273999°	
DWR ID	DWR_NA0	011_06_s _ 201	9_77				
	Comment Code						

CR : Crops

Inspector Comment

Landowner has planted corn along the landside toe.

LM Start	3.99	Rating **	U	Issue No.	77 (cont)
LM End	5.48	Issue Type +	En	Location *	LS

Photo 1 of 2: FA_2019_NA0011_147_77_20191009_00050.jpg



Corn planted on the landside toe. (Fall 2019)

Photo 2 of 2: FA_2019_NA0011_147_77_20190912_00026.jpg



Crops planted on the landside toe. (Spring 2019)

* Location

LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown

** Rating

A : Acceptable N : Not Inspected/Rated M : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement

** Rating

A : Acceptable C : Corrected Ob : Design & System Obsolescence En : Enforcement

Levee Inspection Report By Mile - Fall 2019

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 Fresno River	Left	9.03	10/03/2019 10/03/2019	Corey Fujitani

LM Start	4.43	Rating **	М	Issue No.		40	
LM End	4.96	Issue Type +	Ma	Location *	WS		
Catagony	Earthen L	GPS Latitude/Longitude					
Category				Start		End	
Item	Vegetatio	n		36.9675	18°	36.967542	0
пеш				-120.2929	80°	-120.283403	0
DWR ID	DWR_NA0	DWR_NA0011_06_f _ 2019_40					
Comment Code							

V1 : Control annual grass and weeds on the levee slopes and

easements.

Inspector Comment

No Photos

4.56 Rating ** Issue No. М 65 LM Start Issue Type + Location * LS LM End 4.56 Ma Earthen Levee GPS Latitude/Longitude Category Start End **Animal Control** 36.967501° 36.967501° Item -120.290581° -120.290581° DWR_NA0011_06_f _ 2018_65 DWR ID

Comment Code

A3: No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.

Inspector Comment

No Photos

Rating ** Issue No. LM Start 4.74 78 4.74 Issue Type + Ma Location * LS LM End Earthen Levee GPS Latitude/Longitude Category Start End **Animal Control** 36.967508° 36.967508° Item -120.287446 ° -120.287446 ° DWR ID DWR_NA0011_06_s _ 2019_78 Comment Code

A3: No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.

Inspector Comment

No Photos

* Location

N/A: Not Applicable

LS: Land Side WS: Water Side

A : Acceptable M : Minimally Acceptable U : Unacceptable

N: Not Inspected/Rated C : Corrected

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence

En: Enforcement

Levee Inspection Report By Mile - Fall 2019

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 Fresno River	Left	9.03	10/03/2019 10/03/2019	Corey Fujitani

LM Start	5.18	Rating **	М	Issue No.	63			
LM End	5.18	Issue Type +	Ма	Location *	LS			
Category	Earthen L	evee		GPS Latitude/Longitude				
Category			Start End					
Item	Animal Co	ontrol		36.9675	12°	36.967512	0	
пеш				-120.2798	74°	-120.279874	0	
DWR ID DWR_NA0011_06_f _ 2018_63								
	Comment Code							

A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.

Inspector Comment

No Photos

LM Start	5.40	Rating **	М	Issue No.		35	
LM End	5.96	Issue Type + Ma		Location *	WS		
Category	Earthen L	GPS Latitude/Longitude					
Category				Start		End	
Item	Vegetatio	egetation			43°	36.967493	0
item				-120.2755	53°	-120.265263	0
DWR ID	D DWR_NA0011_06_f _ 2019_35						

Comment Code

V1 : Control annual grass and weeds on the levee slopes and easements.

Inspector Comment

No Photos

LM Start	5.44	Rating **	U	Issue No.		53	
LM End	5.44	Issue Type +	Ma	Location *		LS	
Category Earthen Levee				GPS La	atitud	e/Longitude	
Calegory				Start		End	
Item	Animal Co	ontrol		36.9675	14°	36.967514	0
item				-120.2748	10°	-120.274810	0
DWR ID	DWR NAO	011 06 s 201	8 53				

Comment Code

A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.

Inspector Comment

Control rodents within this section.



Looking at typical rodent hole on landward slope. (Spring 2018)

Page 11 of 33

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

N : Not Inspected/Rated C : Corrected

A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency

Ob : Design & System Obsolescence
En : Enforcement

NA0011

Flood Control Project Maintenance Levee Inspections

Levee Inspection Report By Mile - Fall 2019

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 Fresno River	Left	9.03	10/03/2019 10/03/2019	Corey Fujitani

LM Start	5.46	Rating **	М	Issue No.	28			
LM End	5.96	Issue Type +	Ma	Location *		CR		
Category	evee	GPS Latitude/Longitude						
Calegory			Start		End			
Item	Vegetatio		36.9675	37°	36.967493°			
пеш	Item				67°	-120.265263 °		
DWR ID	DWR_NA0	011_06_f _ 201	9_28					
		Comn	nent Coo	le				
V9 : Keep	V9 : Keep the crown roadway free of vegetation.							
		Inspecto	or Comm	ent				

No Photos

Issue No. Rating ** 5.49 Μ 30 LM Start 5.96 Issue Type + Ма Location * LS LM End Earthen Levee GPS Latitude/Longitude Category Start End Vegetation 36.967508° 36.967493° Item -120.273917° -120.265263 ° DWR_NA0011_06_f _ 2019_30 DWR ID Comment Code

No Photos

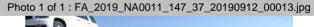
V1 : Control annual grass and weeds on the levee slopes and easements.

Inspector Comment

LM Start	5.62	Rating **	М	Issue No.		37		
LM End	5.96	Issue Type +	En	Location *	LS			
Category	evee		GPS Latitude/Longitude					
Calegory			Start		End			
Item	Encroachments			36.96749	7°	36.967498°		
item				-120.27154	7°	-120.265336 °		
DWR ID	DWR_NA0	011_06_f _ 201	7_37					
	Comment Code							
AT : Agricu	AT : Agricultural tilling							

Inspector Comment

Repair damage at levee toe caused by ag equipment activity.





Agricultural equipment cutting into levee slope. (Fall 2018)

* Location
LS: Land Side N/A: Not Applicable
WS: Water Side
CR: Crown

** Rating
A: Acceptable
N: Not Inspected/Rated
M: Minimally Acceptable
C: Corrected
D: Unacceptable
AW: Acceptable but Monitor & Maintain

** Rating
A: Issue Type
Ma: Maintenance Deficiency
Ob: Design & System Obsolescence
En: Enforcement

Levee Inspection Report By Mile - Fall 2019

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 Fresno River	Left	9.03	10/03/2019 10/03/2019	Corey Fujitani

LM Start	6.03	Rating **	М	Issue No.	60		
LM End	6.07	Issue Type +	Ма	Location *	LS		
Category	Earthen L	evee		GPS Latitude/Longitude			
Calegory				Start	End		
Item	Animal Co	ontrol		36.9674	84°	36.967482°	
пеш				-120.2641	54°	-120.263363 °	
DWR ID DWR_NA0011_06_f _ 2018_60							
Comment Code							

A3: No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.

Inspector Comment

No Photos

LM Start	6.09	Rating **	U	Issue No.		38
LM End	6.13	Issue Type +	En	Location *		LS
Category	Earthen L		GPS Latitude/Longitude			
Calegory				Start		End
Item	Encroach	ments	36.9674	82°	36.967511°	
item				-120.2629	84°	-120.262342 °
DWR ID	DWR_NA0	011_06_f _ 201	7_38			

Comment Code

TR: Tree or limb

Inspector Comment

Remove downed trees and associated debris pile from levee toe.

Photo 1 of 1: FA_2019_NA0011_147_38_20190912_00014.jpg



View of debris pile and pruning piles along landside toe. (Spring 2019)

CR : Crown

LS: Land Side N/A: Not Applicable WS: Water Side

A : Acceptable M : Minimally Acceptable U : Unacceptable

N : Not Inspected/Rated C : Corrected

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence

Levee Inspection Report By Mile - Fall 2019

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 Fresno River	Left	9.03	10/03/2019 10/03/2019	Corey Fujitani

LM Start	6.17	Rating **	М	Issue No.		86
LM End	6.17	Issue Type +	En	Location *		
Category				GPS Latitude/Longitude		
Calegory	alegory				Start	
Item	DRAFT D	WR UCIP Fie	ld	36.96756	8 °	36.967568°
пеш	Study			-120.26159	4 °	-120.261594°
DWR ID	21531					

Comment Code

Inspector Comment

DS_ID:21531 FS_ID:52854 EP_NO: N/A

Repair Type: Non-Urgent Crossing Status: Found

UCIP Comments: 05/06/2014 Need to contact owner. Recommend removing sediment built up on landward side. (DWR UCIP - O. Magana) FIELD_STRUCT_DESC: 48-inch corrugated metal gravity drainage pipe through the levee, 11.5 feet below the crown. Slide gate on the waterside (WS) shoulder. Headwall and wing wall on each end. Flap gate on the WS end. [Additional Reference(s): DWR Levee Log, 2005]. FS Date: 5/6/2014

LM Start	6.17	Rating **	М	Issue No.	86 (cont)
LM End	6.17	Issue Type +	En	Location *	



View of waterward side.

Photo 2 of 3: UCIP_FA_2019_52854_64573.jpg



Flap gate, concrete headwall, and standpipe on waterward side.

Levee Inspection Report By Mile - Fall 2019

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 Fresno River	Left	9.03	10/03/2019 10/03/2019	Corey Fujitani

LM Start	6.17	Rating **	М	Issue No.	86 (cont)			
LM End	6.17	Issue Type +	En	Location *				
Category				GPS Latitude/Longitude				
Calegory				Start		End		
Item	DRAFT D	WR UCIP Fie	ld	36.96756	8°	36.967568°		
пеш	Study			-120.26159	4 °	-120.261594°		
DWR ID	21531							
	Comment Code							

Inspector Comment

DS_ID:21531 FS_ID:52854 EP_NO: N/A

Repair Type: Non-Urgent Crossing Status: Found

UCIP Comments: 05/06/2014 Need to contact owner. Recommend removing sediment built up on landward side. (DWR UCIP - O. Magana) FIELD_STRUCT_DESC: 48-inch corrugated metal gravity drainage pipe through the levee, 11.5 feet below the crown. Slide gate on the waterside (WS) shoulder. Headwall and wing wall on each end. Flap gate on the WS end. [Additional Reference(s): DWR Levee Log, 2005]. FS Date: 5/6/2014



Overview of channel at crossing.

LM Start	6.24	Rating **	М	Issue No.		26		
LM End	7.90	Issue Type +	Ma	Location *		WS		
Category Earthen Levee				GPS Latitude/Longitud				
Category				Start		End		
Item	Vegetatio	n		36.96763	35°	36.971235°		
пеш		Levee GPS Start	-120.26027	78°	-120.231275 °			
DWR ID DWR_NA0011_06_f _ 2019_26								
		Comn	nent Coc	de				

V1 : Control annual grass and weeds on the levee slopes and easements.

Inspector Comment

No Photos

* Location	** Rating		+ Issue Type
LS : Land Side N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiency
WS: Water Side	M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence
CD · Crown	II : Unaccontoble	AMA : Accortable but Monitor & Maintain	En : Enforcement

Levee Inspection Report By Mile - Fall 2019

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 Fresno River	Left	9.03	10/03/2019 10/03/2019	Corey Fujitani

LM Start	6.29	Rating **	М	Issue No.		58	
LM End	6.29	Issue Type +	Ма	Location *	LS		
Category	Earthen L	evee		GPS La	atitud	e/Longitude	
Calegory				Start		End	
Item	Erosion / Bank Caving			36.9677	50°	36.967750°	
iteiii				-120.2593	85 °	-120.259385 °	
DWR ID	DWR_NA0	011_06_f _ 201	8_58				
		Comn	nent Cod	de			
E2 : Sched	dule repair	of erosion site	e prior to	the next in	spec	ction.	
		Inspecto	or Comm	nent			



Minor erosion on landside slope. (Fall 2018)

LM Start	6.51	Rating **	М	Issue No.	87			
LM End	6.51	Issue Type +	En	Location *				
Category				GPS Latitude/Longitude				
Calegory			Start		End			
Item		WR UCIP Fie	ld	36.9679	41 °	36.967941°		
item	Study		-120.2554	67°	-120.255467°			
DWR ID	21532							
	Comment Code							

Inspector Comment

DS_ID:21532 FS_ID:52855 EP_NO: N/A

Repair Type: Non-Urgent Crossing Status: Found

UCIP Comments: 7/14/2016 Same as previous inspection. Need to coordinate with owner. Need permit number authorizing work. (DWR UCIP - omagana)5/06/2014 Need to contact owner. Crossing on landward side appears to be modified--no headwall found on landward end. (DWR UCIP - omagana)

FIELD_STRUCT_DESC: 30-inch corrugated metal pipe (CMP) of an unknown purpose through the levee, 12 feet below the crown. Slide gate in a 5-foot CMP riser on the waterside (WS) shoulder. Headwall and wing wall on the WS end. Concrete headwall on the landside (LS) end. [Additional Reference(s): DWR Levee Log, 2005].

FS Date: 7/14/2016

Photo 1 of 3: UCIP_FA_2019_52855_69722.jpg



View of WS

Levee Inspection Report By Mile - Fall 2019

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 Fresno River	Left	9.03	10/03/2019 10/03/2019	Corey Fujitani

LM Start	6.51	Rating **	М	Issue No.		87 (cont)
LM End	6.51	Issue Type +	En	Location *		
Category			GPS Latitude/Longitude			
Calegory				Start		End
Item		WR UCIP Fie	ld	36.96794	1 °	36.967941 °
пеш	Study			-120.25546	7°	-120.255467 °
DWR ID	21532					

Inspector Comment

Comment Code

DS_ID:21532 FS_ID:52855 EP_NO: N/A

Repair Type: Non-Urgent Crossing Status: Found

UCIP Comments: 7/14/2016 Same as previous inspection. Need to coordinate with owner. Need permit number authorizing work. (DWR UCIP - omagana)5/06/2014 Need to contact owner. Crossing on landward side appears to be modified--no headwall found on landward end. (DWR UCIP - omagana)

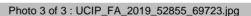
FIELD_STRUCT_DESC: 30-inch corrugated metal pipe (CMP) of an unknown purpose through the levee, 12 feet below the crown. Slide gate in a 5-foot CMP riser on the waterside (WS) shoulder. Headwall and wing wall on the WS end. Concrete headwall on the landside (LS) end. [Additional Reference(s): DWR Levee Log, 2005].

FS Date: 7/14/2016

LM Start	6.51	Rating **	М	Issue No.	87 (cont)
LM End	6.51	Issue Type +	En	Location *	



View of LS.





Additional structures found on LS.

Levee Inspection Report By Mile - Fall 2019

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 Fresno River	Left	9.03	10/03/2019 10/03/2019	Corey Fujitani

LM Start	6.74	Rating **	М	Issue No.		42	
LM End	6.74	Issue Type +	Ма	Location *		WS	
Catagoni	Earthen L	evee		GPS La	atitud	e/Longitude	
Category				Start		End	
Item	Encroachi	ments		36.9687	10°	36.968710°	
пеш				-120.2514	39°	-120.251439°	
DWR ID	DWR_NA0	011_06_f _ 201	7_42				
		Comn	nent Coc	de			
PR : Pruni	ngs						
Inspector Comment							
Remove collected wood debris from waterside shoulder.							

No Photos

LM Start	6.96	Rating **	М	Issue No.		88	
LM End	6.96	Issue Type +	En	Location *			
Category	Suppleme	ental		GPS La	titud	e/Longitude	
Calegory				Start		End	
Item		WR UCIP Fie	ld	36.96878	86°	36.968786	0
пеш	Study			-120.24747	'3 °	-120.247473	0
DWR ID	21587						

Inspector Comment

Comment Code

DS_ID:21587 FS_ID:52860 EP_NO: 13837

Repair Type: Non-Urgent Crossing Status: Found

UCIP Comments: 05/06/2014 Need to contact owner. Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the waterward slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure and

appurtenances. (DWR UCIP - O. Magana)

FIELD_STRUCT_DESC: 12-inch reinforced concrete gravity irrigation pipe through the levee, 7.5 feet below the floodplain. The pipe extends to a 27-inch concrete standpipe in the overflow area and through the levee section to a 30-inch standpipe on the landside (LS). Positive closure device with walkway on the waterside (WS). (Plans to install a 20-inch concrete pipe through the levee for irrigation authorized under Permit No. 13837, 1984 - Averill Ranch).

FS Date: 5/6/2014



View of waterward side.

Levee Inspection Report By Mile - Fall 2019

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 Fresno River	Left	9.03	10/03/2019 10/03/2019	Corey Fujitani

LM Start	6.96	Rating **	М	Issue No.		88 (cont)
LM End	6.96	Issue Type +	En	Location *		
Category	Supplemental		ntal			e/Longitude
Calegory						End
Item	DRAFT D	WR UCIP Fie	ld	36.96878	36°	36.968786°
пеш	Study			-120.2474	73°	-120.247473°
DWR ID	21587					·

Inspector Comment

Comment Code

DS_ID:21587 FS_ID:52860 EP_NO: 13837

Repair Type: Non-Urgent Crossing Status: Found

UCIP Comments: 05/06/2014 Need to contact owner. Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the waterward slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure and appurtenances. (DWR UCIP - O. Magana)

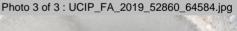
FIELD_STRUCT_DESC: 12-inch reinforced concrete gravity irrigation pipe through the levee, 7.5 feet below the floodplain. The pipe extends to a 27-inch concrete standpipe in the overflow area and through the levee section to a 30-inch standpipe on the landside (LS). Positive closure device with walkway on the waterside (WS). (Plans to install a 20-inch concrete pipe through the levee for irrigation authorized under Permit No. 13837, 1984 - Averill Ranch).

FS Date: 5/6/2014

LM Start	6.96	Rating **	М	Issue No.	88 (cont)
LM End	6.96	Issue Type +	En	Location *	



View of concrete standpipe and lid found on waterward shoulder.





Inside view of standpipe located on waterward side.

Levee Inspection Report By Mile - Fall 2019

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 Fresno River	Left	9.03	10/03/2019 10/03/2019	Corey Fujitani

LM Start	7.07	Rating **	М	Issue No.		43			
LM End	7.07	Issue Type +	Ma	Location *		WS			
Category	Earthen Levee					le/Longitude			
Category				Start		End			
Item	Encroachi	ments		36.9688	01°	36.968801 °			
item				-120.2455	57°	-120.245557°			
DWR ID	DWR_NA0	011_06_f _ 201	7_43						
		Comn	nent Coo	de					
PR : Pruni	ngs								
	Inspector Comment								
Remove collected wood debris from waterside shoulder.									

No Photos

Rating ** Issue No. 7.42 Μ 44 LM Start 7.42 Issue Type + Ма Location * WS LM End Earthen Levee GPS Latitude/Longitude Category Start End Encroachments 36.968851° 36.968851 ° Item -120.239236 ° -120.239236 ° DWR_NA0011_06_f _ 2017_44 DWR ID **Comment Code**

No Photos

PR: Prunings

Inspector Comment

Remove collected wood debris from waterside shoulder.

LS: Land Side N/A: Not Applicable WS: Water Side

A : Acceptable M : Minimally Acceptable U : Unacceptable

N : Not Inspected/Rated C : Corrected

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence

Levee Inspection Report By Mile - Fall 2019

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 Fresno River	Left	9.03	10/03/2019 10/03/2019	Corey Fujitani

LM Start	7.42	Rating **	М	Issue No.	89		
LM End	7.42	Issue Type +	En	Location *			
Category	ental	GPS Latitude/Longitude					
Calegory			Start		End		
Item	DRAFT D	WR UCIP Fie	ld	36.9688	53 °	36.968853°	
пеш	Study			-120.2391	54°	-120.239154°	
DWR ID 21588							
	Comment Code						

Inspector Comment

DS_ID:21588 FS_ID:52861 EP_NO: 13856

Repair Type: Non-Urgent Crossing Status: Found

UCIP Comments: 05/06/2014 Need to contact owner. Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the waterward slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure and appurtenances. (DWR UCIP - O. Magana)

FIELD_STRUCT_DESC: 12-inch reinforced concrete gravity irrigation pipe through the levee, approximately 4 feet below the crown. The pipe extends from a 24-inch standpipe in the overflow area and through the levee section to a 36-inch standpipe on the landside (LS). Positive closure device with a walkway on the waterside (WS). (Plans to install a 20-inch concrete gravity irrigation pipe through the levee authorized under Permit No. 13856, 1984 - Averill Ranch).

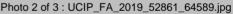
FS Date: 5/6/2014

LM Start	7.42	Rating **	М	Issue No.	89 (cont)
LM End	7.42	Issue Type +	En	Location *	



View of waterward side.

05 06 2014





Inside view of standpipe located on waterward side.

Levee Inspection Report By Mile - Fall 2019

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 Fresno River	Left	9.03	10/03/2019 10/03/2019	Corey Fujitani

LM Start	7.42	Rating **	М	Issue No.		89 (cont)
LM End	7.42	Issue Type +	En	Location *		
Category	Supplemental			GPS Lat	itud	e/Longitude
Calegory			Start		End	
Item	DRAFT D	WR UCIP Fie	ld	36.96885	3°	36.968853°
пеш	Study			-120.23915	4 °	-120.239154°
DWR ID	21588					·

Inspector Comment

Comment Code

DS_ID:21588 FS_ID:52861 EP_NO: 13856

Repair Type: Non-Urgent Crossing Status: Found

UCIP Comments: 05/06/2014 Need to contact owner. Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the waterward slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure and appurtenances. (DWR UCIP - O. Magana)

FIELD_STRUCT_DESC: 12-inch reinforced concrete gravity irrigation pipe through the levee, approximately 4 feet below the crown. The pipe extends from a 24-inch standpipe in the overflow area and through the levee section to a 36-inch standpipe on the landside (LS). Positive closure device with a walkway on the waterside (WS). (Plans to install a 20-inch concrete gravity irrigation pipe through the levee authorized under Permit No. 13856, 1984 - Averill Ranch).

FS Date: 5/6/2014

Photo 3 of 3 : UCIP_FA_2019_52861_64594.jpg

View of waterward slope.

LM Start	7.49	Rating **	U	Issue No.		52	
LM End	7.49	Issue Type +	En	Location *	LS		
Category	Earthen L	evee		GPS La	atitud	e/Longitude	
Category	Category			Start		End	
Item	Encroach	ments		36.9688	86°	36.968886	0
пеш				-120.2379	67°	-120.237967	0
DWR ID	DWR_NA0	011_06_s _ 201	8_52				
		Comn	nent Coc	le			

PR: Prunings

Inspector Comment

Farmer is piling large tree limbs and branches at landward toe.

Photo 1 of 2 : FA_2019_NA0011_147_52_20190912_00020.jpg



Looking upstream at prunings at landward toe. (Spring 2018)

Levee Inspection Report By Mile - Fall 2019

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 Fresno River	Left	9.03	10/03/2019 10/03/2019	Corey Fujitani

LM Start	7.49	Rating **	U	Issue No.		52 (cont)
LM End	7.49	Issue Type +	En	Location *		LS
Category	Earthen L	evee		GPS Latitude/Longitude		
Calegory				Start		End
Item	Encroach	ncroachments			86°	36.968886°
item				-120.237967 °		-120.237967°
DWR ID	DWR_NA0	011_06_s _ 201	8_52			
		Comn	nent Cod	de		
PR : Prunii	ngs					
		Inspecto	or Comm	nent		
Farmer is piling large tree limbs and branches at landward toe.						

Photo 2 of 2: FA_2019_NA0011_147_52_20190912_00021.jpg



Looking downstream at prunings at landward toe. (Spring 2018)

LM Start	7.61	Rating **	М	Issue No.		59				
LM End	7.61	Issue Type + Ma Location *		Location *		Location *		Location * LS		LS
Catagoria Earthen Levee			GPS La	atitud	e/Longitude					
Category			Start		End					
Item	Slope Sta	bility		36.9689	65 °	36.968965°				
item		-120.235734 ° -120.23573								
DWR ID	DWR_NA0011_06_s _ 2019_59									

Comment Code

S3: Repair the levee slope damaged by vehicle traffic and prevent access where possible.

Inspector Comment

Photo 1 of	: FA_2019_NA0011_147_59_20190912_00025	5.jpg



View of vehicle tracks on landside slope. (Spring 2019)

LM Start	7.63	Rating **	М	Issue No.		16	
LM End	7.98	Issue Type +	Ma	Location *		LS	
Category	Earthen L	evee		GPS La	atitud	e/Longitude	
Calegory				Start		End	
Item	Vegetatio	n		36.9690	33°	36.971620	0
пеш				-120.2354	43°	-120.230065	0
DWR ID	DWR_NA0	011_06_f _ 201	9_16				Ī
		Comn	nent Cod	de			

V1: Control annual grass and weeds on the levee slopes and easements.

Inspector Comment

No Photos

*	Location
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LS: Land Side N/A: Not Applicable

WS: Water Side

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

N : Not Inspected/Rated C : Corrected

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence En: Enforcement

Levee Inspection Report By Mile - Fall 2019

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 Fresno River	Left	9.03	10/03/2019 10/03/2019	Corey Fujitani

LM Start	7.71	Rating **	М	Issue No.		47
LM End	8.52	Issue Type +	Ма	Location *	LS	
Category Earthen Levee			GPS Latitude/Longitude			
Calegory				Start		End
Itom	Animal Co	ontrol		36.9696	00°	36.971509
Item		-120.2342	29°	-120.220438		
DWR ID DWR_NA0011_06_f _ 2017_47						

Comment Code

A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.

Inspector Comment



Bait traps should be maintained and rodent holes should be backfilled.

LM Start	7.71	Rating **	М	Issue No.		48
LM End	9.02	Issue Type +	Ма	Location *		WS
Category	Earthen L	evee		GPS La	titud	e/Longitude
Calegory				Start		End
Item	Animal Co	ontrol		36.9696	00°	36.972656°
item			-120.2342	29°	-120.211787°	
DWR ID	DWR_NA0	011_06_f _ 201	7_48			

Comment Code

A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.

Inspector Comment

No Photos

LM Start	7.73	Rating **	M	Issue No.		21	
LM End	7.93	Issue Type +	En	Location *		LS	
Category	Earthen L	evee		GPS La	titud	e/Longitude	
Calegory				Start		End	
Item	Encroachi	ments		36.96982	22°	36.971432	0
item				-120.23389	97°	-120.230862	0
DWR ID	DWR_NA0	011_06_f _ 201	9_21				
		Comp	ant Coc	ام			

PR : Prunings

Inspector Comment

Burn piles left along landside toe should be removed.

No Photos

* Location

LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown

** Rating

A : Acceptable N : Not Inspected/Rated M : Maintenance Deficiency

M : Minimally Acceptable C : Corrected Ob : Design & System Obsolescence

U : Unacceptable A/W : Acceptable but Monitor & Maintain En : Enforcement

Levee Inspection Report By Mile - Fall 2019

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 Fresno River	Left	9.03	10/03/2019 10/03/2019	Corey Fujitani

LM Start	7.91	Rating **	U	Issue No.	12	
LM End	8.51	Issue Type +	Ma	Location *	WS	
Category Earthen Levee			GPS Latitude/Longitude			
Category			Start		End	
Item	Vegetation			36.971235°		36.971575°
пеш				-120.2312	33°	-120.220632°
DWR ID	DWR ID DWR_NA0011_06_f _ 2019_12					
Comment Code						
V1 : Contro	V1 : Control annual grass and weeds on the levee slopes and					

easements.

Inspector Comment



Vegetation on waterside slope looking downstream. (Fall 2019)

Photo 1 of 1: FA_2019_NA0011_147_23_20191009_00052.jpg

LM Start	7.91	Rating **	М	Issue No.		23
LM End	7.91	Issue Type +	Ma Location			LS
Category Earthen Levee			GPS Latitude/Longitude			
Calegory			Start		End	
Item	Slope Sta	bility		36.9712	93 °	36.971293°
пеш			-120.2311	80°	-120.231180°	
DWR ID	VR ID DWR_NA0011_06_f _ 2019_23					

Comment Code

S3: Repair the levee slope damaged by vehicle traffic and prevent access where possible.

Inspector Comment



Damage to landside slope from vehicle traffic. (Fall 2019)

LM Start	7.96	Rating **	M	Issue No.		32	
LM End	7.96	Issue Type +	Ma	Location *		WS	
Category	Earthen Levee				GPS Latitude/Longitude		
Calegory				Start		End	
Item	Encroach	ments		36.9715	43°	36.971543	0
пеш				-120.23028	35 °	-120.230285	o
DWR ID	DWR NAO	011 06 s 201	7 32				Τ

Comment Code

PR: Prunings

Inspector Comment

Remove the brush pile from the levee slope. This pile is providing habitat for rodents.

Photo 1 of 1: FA_2019_NA0011_147_32_20190912_00010.jpg



Fresno River waterside levee mile 7.96.

* Location

N/A: Not Applicable LS: Land Side

WS: Water Side

: Acceptable : Minimally Acceptable U : Unacceptable

N : Not Inspected/Rated

C : Corrected A/W : Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence

En: Enforcement

FINAL DATA

Levee Inspection Report By Mile - Fall 2019

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 Fresno River	Left	9.03	10/03/2019 10/03/2019	Corey Fujitani

LM Start	7.98	Rating **	М	Issue No.	33		
LM End	7.98	Issue Type +	Ma	Location *	WS		
Catagory	Earthen Levee			GPS La	GPS Latitude/Longitude		
Category	Category			Start		End	
Item	Encroachments			36.9715	75°	36.971575°	
пеш				-120.2300	65 °	-120.230065 °	
DWR ID	DWR_NA0	011_06_s _ 201	7_33				
		Comn	nent Coo	de			
PR : Prunings							
	Inspector Comment						

No Photos

Rating ** Issue No. 8.00 М 15 LM Start 8.40 Issue Type + Location * CR LM End Earthen Levee GPS Latitude/Longitude Category Start End Vegetation 36.971673° 36.972195 Item -120.229700° -120.222448 ° DWR_NA0011_06_f _ 2019_15 DWR ID

Comment Code

V9: Keep the crown roadway free of vegetation.

Burn or remove the brush pile from the waterside slope.

Inspector Comment

Photo 1 of 1 : FA_2019_NA0011_147_15_20191009_00053.jpg



Vegetation growing along levee crown. (Fall 2019)

LM Start	8.03	Rating **	М	Issue No.	36			
LM End	8.03	Issue Type +	Ma	Location *	WS			
Category Earthen Levee				GPS Latitude/Longitude				
Calegory				Start		End		
Item	Encroach	ments		36.9715	82°	36.971582	0	
пеш				-120.2291	80°	-120.229180	0	
DWR ID	DWR_NA0	011_06_f _ 201	5_36					

Comment Code

TR: Tree or limb

Inspector Comment

The dead tree has been removed from blocking the roadway but still needs to be removed from the levee section.

Photo 1 of 2: FA_2019_NA0011_147_36_20190912_00011.jpg



Dead tree pushed upon the waterside slope and blocking the crown.

* Location
LS: Land Side N/A: Not Applicable
WS: Water Side
CR: Crown

** Rating
A: Acceptable
N: Not Inspected/Rated
M: Minimally Acceptable
C: Corrected
D: Unacceptable
AW: Acceptable
AW: Acceptable but Monitor & Maintain

** Rating
A: Issue Type
Ma: Maintenance Deficiency
Ob: Design & System Obsolescence
En: Enforcement

NA0011

Flood Control Project Maintenance Levee Inspections

Levee Inspection Report By Mile - Fall 2019

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 Fresno River	Left	9.03	10/03/2019 10/03/2019	Corey Fujitani

LM Start	8.03	Rating **	М	Issue No. 36 (cont		36 (cont)	
LM End	8.03	Issue Type +	Ма	Location *	WS		
Category Earthen Levee			GPS Latitude/Longitude				
Calegory				Start		End	
Item	Encroach	ments		36.9715	82 °	36.971582°	
пеш				-120.2291	80°	-120.229180 °	
DWR ID DWR_NA0011_06_f _ 2015_36							
	Comment Code						

TR: Tree or limb

Inspector Comment

The dead tree has been removed from blocking the roadway but still needs to be removed from the levee section.

Photo 2 of 2: FA_2019_NA0011_147_36_20190912_00012.jpg



Fresno River levee mile 8.03 waterside slope and shoulder.

LM Start	8.09	Rating **	U	Issue No.		31
LM End	8.09	Issue Type +	Ma	Location *		WS
Category Earthen Levee			GPS Latitude/Longitude			
Calegory						End
Item	Encroach	ments		36.9716	92°	36.971692°
пеш			-120.2279	57°	-120.227957°	
DWR ID	DWR_NA0	011_06_f _ 201	5_31			·

TR : Tree or limb

Inspector Comment

Comment Code

Remove the dead tree off the slope and shoulder.

Photo 1 of 1 : FA_2019_NA0011_147_31_20190912_00009.jpg



Fresno River levee mile 8.09.

Levee Inspection Report By Mile - Fall 2019

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 Fresno River	Left	9.03	10/03/2019 10/03/2019	Corey Fujitani

LM Start	8.53	Rating **	М	Issue No.	90	
LM End	8.53	Issue Type +	En	Location *		
Category			GPS Latitude/Longitude			
Category			Start		End	
Item	DRAFT D	WR UCIP Fie	ld	36.9714	62 °	36.971462°
пеш	Study	Study			76°	-120.220276 °
DWR ID 21534						
Comment Code						

Inspector Comment

DS_ID:21534 FS_ID:52864 EP_NO: N/A

Repair Type: Non-Urgent Crossing Status: Found

UCIP Comments: 05/06/2014 Need to contact owner. Rip rap has been added around concrete headwall on waterward side--need to determine details for rip rap around structure. (DWR UCIP - O. Magana)

FIELD_STRUCT_DESC: 30-inch corrugated metal gravity drainage pipe through the levee, 11 feet below the crown. Headwall and wing wall on each end. Flap gate on the waterside (WS) end. [Additional

Reference(s): DWR Levee Log, 2005].

FS Date: 5/6/2014

LM Start	8.53	Rating **	М	Issue No.	90 (cont)
LM End	8.53	Issue Type +	En	Location *	

Photo 1 of 3: UCIP_FA_2019_52864_64596.jpg



View of waterward side.

Photo 2 of 3: UCIP_FA_2019_52864_64599.jpg



Rip rap around concrete headwall located on waterward side.

Levee Inspection Report By Mile - Fall 2019

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 Fresno River	Left	9.03	10/03/2019 10/03/2019	Corey Fujitani

LM Start	8.53	Rating **	М	Issue No.	90 (cont)			
LM End	8.53	Issue Type +	En	Location *				
Category	Suppleme	ental	GPS Latitude/Longitude					
Calegory	Category				Start			
Item	DRAFT D	WR UCIP Fie	ld	36.97146	2 °	36.971462 °		
пеш	Study			-120.22027	6°	-120.220276 °		
DWR ID 21534								
	Comment Code							

Inspector Comment

DS_ID:21534 FS_ID:52864 EP_NO: N/A

Repair Type: Non-Urgent Crossing Status: Found

UCIP Comments: 05/06/2014 Need to contact owner. Rip rap has been added around concrete headwall on waterward side--need to determine details for rip rap around structure. (DWR UCIP - O. Magana)

FIELD_STRUCT_DESC: 30-inch corrugated metal gravity drainage pipe through the levee, 11 feet below the crown. Headwall and wing wall on each end. Flap gate on the waterside (WS) end. [Additional

Reference(s): DWR Levee Log, 2005].

FS Date: 5/6/2014

Photo 3 of 3: UCIP_FA_2019_52864_64598.jpg



Flap gate visible on waterward side.

LM Start	8.57	Rating **	М	Issue No.		11			
LM End	8.57	Issue Type +	En	Location *		CR			
Category	evee	GPS Latitude/Longitude							
Category	Start					End			
Item	Encroach	ments		36.9713	47°	36.971347°			
пеш				-120.2196	40°	-120.219640 °			
DWR ID	011_06_f _ 201								
	Comment Code								

PR: Prunings

Inspector Comment

Photo 1 of 1: FA_2019_NA0011_147_11_20191009_00054.jpg



Pruning pile left on waterside shoulder and levee crown. (Fall 2019)

CR : Crown

: Acceptable : Minimally Acceptable U : Unacceptable

N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain + Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence

Levee Inspection Report By Mile - Fall 2019

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 Fresno River	Left	9.03	10/03/2019 10/03/2019	Corey Fujitani

LM Start	8.59	Rating **	M	Issue No.		55		
LM End	8.59	Issue Type +	En	Location *		WS		
Category	evee	GPS La	atitud	e/Longitude				
Calegory				Start		End		
Item	ments		36.9713	14°	36.971314°			
пеш			-120.2193	39°	-120.219339°			
DWR ID DWR_NA0011_06_f _ 2018_55								
		Comn	nent Cod	de				
RA : Ramp)							
		Inspecto	or Comm	nent				

Photo 1 of 1: FA_2019_NA0011_147_55_20190912_00023.jpg



Unpermitted ramp on waterside slope. (Fall 2018)

LM Start	8.93	Rating **	U	Issue No.		50	
LM End	8.93	Issue Type +	En	Location *		CR	
Category	evee	GPS Latitude/Longitude					
Calegory	Category					End	
Item	Encroachments				86°	36.972286°	
пеш				-120.2132	84 °	-120.213284°	
DWR ID	DWR ID DWR_NA0011_06_f _ 2017_50						
Comment Code							
PR : Prunings							

Inspector Comment

Remove or burn pruning pile on crown.

LM Start	8.93	Rating **	U	Issue No.	50 (cont)
LM End	8.93	Issue Type +	En	Location *	CR



Pruning pile left on waterside shoulder and crown. (Fall 2019)

Photo 2 of 2: FA_2019_NA0011_147_50_20190912_00018.jpg



Pruning pile should be removed from levee crown, slope and toe to allow inspection and access.

* Location + Issue Type Ma : Maintenance Deficiency
Ob : Design & System Obsolescence N/A: Not Applicable LS: Land Side A : Acceptable M : Minimally Acceptable N: Not Inspected/Rated WS: Water Side C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain En: Enforcement

Levee Inspection Report By Mile - Fall 2019

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 Fresno River	Left	9.03	10/03/2019 10/03/2019	Corey Fujitani

LM Start	8.94	Rating **	U	Issue No.		91
LM End	8.94	Issue Type +	En	Location *		
Category	Suppleme	ental	GPS Latitude/Longitude			
Calegory				Start		End
Item		WR UCIP Fie	ld	36.9723	07°	36.972307°
пеш	Study			-120.2131	35 °	-120.213185°
DWR ID	21530					·

Inspector Comment

Comment Code

DS_ID:21530 FS_ID:53156 EP_NO: N/A Repair Type: Urgent Crossing Status: Found

UCIP Comments: 10/31/2018 Same as last inspection. Surface erosion present due to highly erodible soil. Deep hole behind concrete headwall presently unable to confirm if hole is associated with burrow activity or sink hole. Recommend internal inspection to determine pipe integrity through the levee. Crossing remains Urgent due to the unknown condition of the pipe integrity through the levee. (O. Magana - DWR UCIP)

07/14/2016 Surface erosion still present on LS shoulder. Unable to determine if surface erosion is due to internal pipe failure. Unable to locate concrete headwall on WS toe. Need to coordinate with owner to address erosion or potential pipe failure. Also recommend removing dense vegetation on WS. (DWR UCIP - omagana)

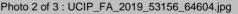
05/06/2014 Need to contact owner. Surface erosion on landward slope unable to determine if pipe failed or if rodent activity burrow hole has caused collapse on slope. Need to determine cause for erosion. (DWR UCIP - omagana)

FIELD_STRUCT_DESC: 30-inch corrugated metal gravity drainage pipe through the levee, 10.2 feet below the crown. Headwall and wing wall on each end. Flap gate on the waterside (WS) end. [Additional Reference(s): DWR Levee Log, 2005].
FS Date: 10/31/2018 10:21:00 AM

LM Start	8.94	Rating **	U	Issue No.	91 (cont)
LM End	8.94	Issue Type +	En	Location *	



View of WS.





Flap gate visible on WS.

** Rating
LS: Land Side N/A: Not Applicable WS: Water Side CR: Crown

** Rating
A: Acceptable N: Not Inspected/Rated Ma: Maintenance Deficiency
Ob: Design & System Obsolescence
En: Enforcement

Levee Inspection Report By Mile - Fall 2019

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 Fresno River	Left	9.03	10/03/2019 10/03/2019	Corey Fujitani

LM Start	8.94	Rating **	U	Issue No.		91 (cont)
LM End	8.94	Issue Type +	En	Location *		
Category	Suppleme	ental		GPS La	titud	e/Longitude
Calegory	Category			Start		End
Item	DRAFT D	WR UCIP Fie	ld	36.9723	07°	36.972307°
пеш	Study	dy			35 °	-120.213185°
DWR ID	21530					·

Inspector Comment

Comment Code

DS ID:21530 FS_ID:53156 EP_NO: N/A Repair Type: Urgent Crossing Status: Found

UCIP Comments: 10/31/2018 Same as last inspection. Surface erosion present due to highly erodible soil. Deep hole behind concrete headwall presently unable to confirm if hole is associated with burrow activity or sink hole. Recommend internal inspection to determine pipe integrity through the levee. Crossing remains Urgent due to the unknown condition of the pipe integrity through the levee. (O. Magana - DWR UCIP)

07/14/2016 Surface erosion still present on LS shoulder. Unable to determine if surface erosion is due to internal pipe failure. Unable to locate concrete headwall on WS toe. Need to coordinate with owner to address erosion or potential pipe failure. Also recommend removing dense vegetation on WS. (DWR UCIP - omagana)

05/06/2014 Need to contact owner. Surface erosion on landward slope unable to determine if pipe failed or if rodent activity burrow hole has caused collapse on slope. Need to determine cause for erosion. (DWR UCIP - omagana)

FIELD_STRUCT_DESC: 30-inch corrugated metal gravity drainage pipe through the levee, 10.2 feet below the crown. Headwall and wing wall on each end. Flap gate on the waterside (WS) end. [Additional Reference(s): DWR Levee Log, 2005].

FS Date: 10/31/2018 10:21:00 AM

Photo 3 of 3: UCIP_FA_2019_53156_64603.jpg



View of LS.

LM Start		8.99	Rating **	U	Issue No.		51	
LM	l End	8.99	Issue Type +	Ma	Location *		LS	
Categor	ogony	Earthen Levee			GPS Latitude/Longitude			
Cal	alegory				Start		End	
I+	em	Animal Co	mal Control			26°	36.972526	+
10	пеш				-120.212226 °		-120.212226	0
DW	DWR ID DWR_NA0011_06_s _ 2018_51							
Comment Code								

A3: No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.

Inspector Comment

Large rodent hole on landward slope.

Photo 1 of 1: FA_2019_NA0011_147_51_20190912_00019.jpg

Looking at typical rodent holes on landward slope. (Spring 2018)

Location + Issue Type LS: Land Side N/A: Not Applicable Acceptable N: Not Inspected/Rated Ma: Maintenance Deficiency WS: Water Side Minimally Acceptable Ob : Design & System Obsolescence C : Corrected U : Unacceptable A/W: Acceptable but Monitor & Maintain En: Enforcement

Levee Inspection Report By Mile - Fall 2019

Madera County FCWCA

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 06 Fresno River	Left	9.03	10/03/2019 10/03/2019	Corey Fujitani

LM Start	8.99	Rating **	U	Issue No.		22	
LM End	8.99	Issue Type +	Ma	Location *	LS		
Category	Earthen Levee			GPS Latitude/Longitude			
Calegory				Start		End	
Item	Erosion / Bank Caving			36.972527°		36.972527°	
пеш		-120.212225 °		-120.212225 °			
DWR ID DWR_NA0011_06_s _ 2018_22							
Comment Code							
E2 : Schedule repair of erosion site prior to the next inspection.							
Inspector Comment							
Large finger erosion located on the landward slope.							



Looking at finger erosion on landward slope. (Spring 2018)